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End the Folly in Sense Perception: Metaphor!
Lavrov Warns, Arab Autumn May Lead to Nuclear Winter
'Benghazi-gate': Dump Obama Before It's Too Late

Monitoring Space: Collaboration In the Defense of All Mankind



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ON THE WEB
e-mail: eirns@larouchepub.com
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www.larouchepub.com/eiw
Webmaster: *John Sigerson*
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European Headquarters: E.I.R. GmbH, Postfach Bahnstrasse 9a, D-65205, Wiesbaden, Germany
Tel: 49-611-73650
Homepage: http://www.eirna.com
e-mail: eirna@eirna.com
Director: Georg Neudecker

Montreal, Canada: 514-461-1557

Denmark: EIR - Danmark, Sankt Knuds Vej 11, basement left, DK-1903 Frederiksberg, Denmark. Tel.: +45 35 43 60 40, Fax: +45 35 43 87 57. e-mail: eirdk@hotmail.com.

Mexico City: EIR, Ave Morelos #60-A, Col Barrio de San Andres, Del. Azcapotzalco, CP 02240, Mexico, DF. Tel: 5318-2301, 1163-9734, 1163-9735.

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EIR

From the Editor

In a recent discussion with associates, Lyndon LaRouche emphasized that mankind's survival depends upon success in the very short-term, in preventing the outbreak of thermonuclear war. In the course of achieving that goal, however, we must establish the method for durable long-term survival of our species, based on international collaboration for scientific progress.

In this edition of *EIR Online*, we provide essential studies on both of these tracks. Our *International* section updates the war danger in the words of leading campaigners for war-avoidance, the Russian government and the U.S. military leadership. As Russian Foreign Minister Lavrov made clear this week, we are staring at a possible "nuclear Winter" unless we go back to the principles of the UN Charter, including national sovereignty.

To do that, however, requires removing the British Empire's number one asset, U.S. President Barack Obama. The tools for doing that are detailed in our extensive coverage of the ongoing "Benghazi-gate," where the President has been caught in a web of coverups and lies about the assassination of the U.S. Ambassador to Libya. Our chronology of the coverup is currently being updated by the leadership of the House Oversight and Government Reform Committee, which has put the Administration on the spot to answer questions *before* Nov. 6.

Can Obama be removed before November, or in the election? It's clear the evidence is there to do it. LaRouche sees Bill Clinton's role as crucial—as you will see.

Our *Feature* reports on the prospects for the long-term survival of our planet, with a report-back on a conference held recently in Ukraine, with the participation of two members of the LaRouche Policy Institute. Here you can see the potential for man becoming a truly human master of his fate, creating a "Defense of Earth" system essential to the protection of our planet from an increasingly dangerous galaxy, as well as from nuclear war.

LaRouche responded to this report with enthusiasm, and a new paper on the shift in mind-set required to achieve it, entitled "Metaphor!" There he takes up the principle of the human mind and the Classical musical principle behind the science of forecasting.



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INTERNATIONAL GLOBAL MONITORING AEROSPACE SYSTEMS

Toward Collaboration in The Defense of Mankind

by Benjamin Deniston, Pavel Penev, and Jason Ross

Sept. 14—Currently, mankind lives on only one planet. We are all subject to similar threats: threats that do not distinguish among nations, religions, political parties, or social classes. Irregular solar activity, earthquakes, volcanic eruptions, floods, asteroid and comet impacts — these events don't contemplate national boundaries before they strike. So why should we, when defending ourselves from them?



The conference banner. About 35 scientists addressed the three-day conference.

This was the issue underlying a scientific conference, "Space and Global Security of Humanity," held in Yevpatoria, Ukraine, Sept. 3-6, 2012, bringing together scientists from mainly Russia and Ukraine, with attendees from Kazakstan, Belarus, Germany, and Canada. The only U.S. participation came from two representatives of the LaRouche Policy Institute, Benjamin Deniston and Jason Ross, who presented the leading political, economic and scientific work of Lyndon LaRouche's movement in the United States. The conference was sponsored by a number of large Russian, Ukrainian, and international organizations,[1] but centered around the activity of the International Global Monitoring Aerospace Systems organization, IGMASS.

Although the IGMASS proposal has existed for a few years, this particular conference came in the context of Russia's Strategic Defense of Earth (SDE) offer from Fall 2011, a proposal for collaboration between the United States and Russia on both missile defense systems and defending the entire Earth from the threats posed by future asteroid and comet impacts.[2] Seeing this particular SDE proposal as an upgraded re-offer of his original 1983 program which became the Strategic Defense Initiative (SDI), Lyndon LaRouche and his associates have very publicly and forcefully supported it, most recently in the 68-page LaRouchePAC report *The Strategic Defense of Earth*.[3]

IGMASS is a proposed "system of systems," an or-

1. The State Space Agency of Ukraine, the Space Research Institute of the National Academy of Sciences of Ukraine and National Space Agency of Ukraine, the International Academy of Astronautics, the Russian Academy of Cosmonautics, the International Znanie (Knowledge) Association, and the company Russian Space Systems.

2. See "As World War Threatens, Russia Proposes SDE," EIR, Nov. 25, 2011, http://www.larouchepub.com/eiw/public/2011/eirv38n46-20111125/53-56_3846.pdf

3. For more on the SDE, see the introduction and section two of that report, "Redefining Defense: The Science-Driver Principle," available at http://larouchepac.com/SDE

The conference prepares to convene in Yevpatoria, Ukraine (right). Below, LaRouche Policy Institute representatives Jason Ross (left) and Ben Deniston with a Soviet-era space capsule, at a museum of the State Space Agency of Ukraine, in Yevpatoria.





LaRouche Policy Institute

ganization that would integrate various existing, and potentially new, satellite, air, and ground-based monitoring systems from nations all around the world, to provide a unified real-time capability to monitor the planet and the surrounding regions of space for a broad range of potential threats to life on Earth. The idea of integrating and sharing the information from satellite and other observational systems is not new, with various somewhat parallel ideas moving forward at the United Nations and other associations. While IGMASS will tap into these other systems, creating a centralized system of systems, it also sets itself apart from most others by focusing on the signals appearing *prior* to a disaster, the *precursors* of both man-made and natural disasters, and using these precursors for the purpose of *forecasting disasters before they strike*.

This crucial distinction is perhaps most evident in the forecasting of seismic events (earthquakes, tsunamis, and volcanic activity). While reductionists, fearful of the rigid structure of what is and is not accepted in academia, waste their breath (and our time) by blindly insisting that forecasting of seismic events is simply impossible, a series of presentations at this conference made clear that the science of forecasting seismic events, while not yet perfect, is moving forward, and successful forecasts have been made through a pilot project of the IGMASS system conducted by Russia over the past year. While this itself will be a revolution in the defense of mankind, IGMASS as a whole is a much broader proposal.

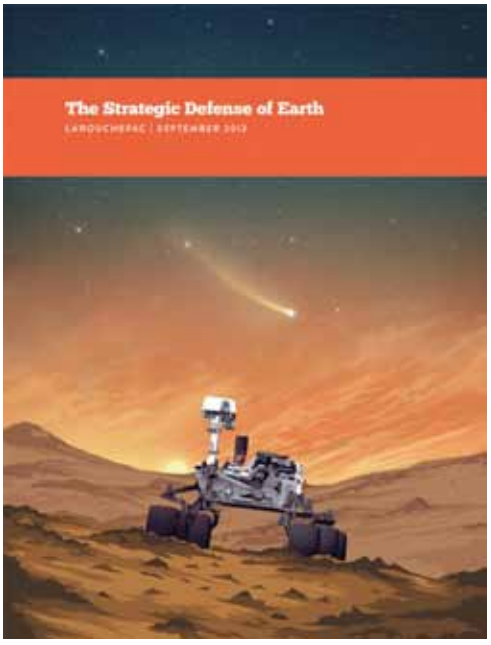
The forecasting possibilities discussed extend from the potential damage resulting from forest fires and floods (as well as man-made industrial disasters); to the threats of incoming asteroids, meteorites, and comets; to how the Sun influences seismic activity on Earth, human health, and space weather (the radiation, electrical, and magnetic fluctuations we experience on and around the Earth caused by solar and galactic activity). In order to be successful in understanding, responding to, and forecasting these terrestrial and cosmic conditions, the idea of expanding an integrated Earth and space monitoring system becomes crucial.

Before getting into the depth of what was presented at this conference, we must note in prelude that these considerations already take us to some very profound considerations. As LaRouche discussed in his recent publication, "Next, Beyond Mars,"[4] the power of mankind to advance is directly related to recognizing the failure of our sense perceptions, and understanding the qualitatively distinct power of the human mind. An integrated system of systems, monitoring the otherwise invisible processes that influence and control the conditions on our planet, becomes *a synthetic sensorium which changes the human species as a whole*. The advancement of man-

4. "SDI Today!: Next, Beyond Mars," EIR, Aug. 31, 2012, http://www.larouchepub.com/eiw/public/2012/2012_30-39/2012-34/pdf/52-58_3934.pdf

kind is directly tied to the unique power of the human mind to create new synthetic sensory systems, expanding its domain of action. IGMASS expresses a potential to consciously integrate and expand the powers of the human mind to a degree never before realized.

As the global nature of these threats illustrates — it would only take one large long-period comet to wipe out human civilization with a single impact — the continued existence of the human species depends upon casting aside our reliance upon our simply biological sense perceptions, and moving into a science-driven program to expand the power of the mind to sense and to act, all around the Earth and throughout the Solar System. As will become clear below, this means understanding the Earth as an integrated part of the Solar System, not one floating in empty space, but intimately connected through various processes which we can now come to understand for the purposes of forecasting extreme events, and, even if in a limited degree at first, begin to control.



LPAC

A Special Report available at
http://larouchepac.com/SDE

Such international collaboration in the defense of all mankind is not just a "nice" policy, but is of profound significance for the advancement of humanity as a whole. Seen from a historical vantage point, this becomes a potential coming-of-age test for humanity: *Can nations come together to overcome the existential challenges posed to all mankind*?

The Context

At the IGMASS conference, the political and economic crises currently facing the world were not overlooked by the participants. While some aspects were touched upon anecdotally in a few presentations, Jason Ross of the LaRouche Policy Institute was the most clear in addressing this reality. Citing the immediate danger of President Obama and his backers in the British Empire taking the world to the brink of thermonuclear war, Ross made clear that this is not the desire of the majority of Americans, and that there is extremely significant opposition, led by LaRouche and top levels of the U.S. military institutions, to Obama's British policy of conflict with Russia and China in particular. The current conflict around NATO's missile defense systems in Eastern Europe, and the closely related issue of trans-Atlantic economic disintegration, can both be overcome with the types of scientific programs exemplified by IGMASS and the SDE, Ross stressed.

After setting the stage, Ross followed up with a presentation of the fundamental principles of scientific progress and economic growth. As was demonstrated with the Apollo program, true science-driver programs not only generate a net profit, but produce a type of economic growth that is fundamentally transcendental in nature: growth whose value is incommensurate with the cost to achieve such growth. The new scientific and technological capabilities developed in a true science-driver program generate wealth by creating completely new capabilities within the economy, ones which simply didn't exist before. Such new platforms for the economy as a whole cannot be understood on the basis of local profit. Current arguments that these programs "cost too much money" and "cannot be afforded" are simply absurd; quite the contrary, we cannot afford *not* to pursue them.

This view of IGMASS and planetary defense from the perspective of a science of physical economics was well received by the audience, and was followed up by the second LaRouche Policy Institute representative, Benjamin Deniston, who elaborated on what types of science-driver programs will provide the greatest benefits in both improving mankind's defense against potentially hazardous asteroids and comets, and generating economic growth. Focusing on LaRouche's concept of *energy-flux density*, Deniston showed that the next revolution in our ability to act in deep space will necessarily come with the developments associated with nuclear fission and fusion propulsion systems. These do not simply provide a power source, but express an entirely new stage of the economic power of mankind, a new *economic platform*, which will upshift the entire physical-economic capability of the human species, in-

cluding the crucial issue of an expanded capability to defend against the threats of asteroids and comets.

Stimulating a fair amount of side discussion about these political and economic considerations, this pair of presentations provided an important contribution from the United States, in the midst of what was already a very high-level and provocative conference.

About 35 scientists made presentations on various aspects of the IGMASS program and related activity over the three-day event. The keynote was delivered by Prof. Anatoly Perminov, former head of the Russian Federal Space Agency (Roscosmos), and current chairman of the International Committee on the IGMASS Project Implementation.[5]



NASA/Bill Ingalls

Anatoly Perminov (right), former head of Roscosmos, keynoted the conference. Here he is shown on Oct. 2, 2009 with NASA Administrator Charles Bolden, at Mission Control Center in Korolev, Russia, after a successful docking of the Soyuz TMA-16 with the International Space Station.

What Is IGMASS?

Perminov clarified the objectives of the IGMASS program, with a strong emphasis on moving towards a global forecasting capability to provide early warning of threats. The full range of disasters monitored as part of IGMASS includes:

- industrial accidents, disasters, and catastrophes
- anomalous solar activity, space debris, asteroid and comet dangers
- earthquakes, tsunamis, volcanic activity
- natural fires
- landslides, mud flows, avalanches
- floods and droughts
- dangerous weather

To monitor these events themselves, and various forms of early signals which may precede some of them (precursors), many different parameters are to be continuously observed and measured (ionospheric disturbances, space debris in low-Earth orbit, vibrations in the Earth's crust, shifts of the Earth's surface, precipitation, water levels, general atmospheric conditions, cloud cover, etc.). For this purpose, numerous land-, air-, and satellite-based systems from various nations will provide the measurements of these parameters, feeding all the information into centralized data centers where it can be integrated, cross-compared, and analyzed. From there, forecasts, warnings, and response assistance can be issued to the relevant governments and institutions.

Perminov went on to say that for monitoring purposes, key projects that either already exist, or are in the process of being developed, could all feed into the IGMASS system of systems. These include international, regional, and other programs consisting of satellite constellations, information-sharing centers, and other observing systems (**Table 1**).

While the full realization of an IGMASS system has yet to be achieved, Russia has pursued the concept since 2007, and in 2012 started designing and even operating limited aspects of a pilot version. The history and status of this program, as well as some initial results of the pilot project, were presented by Prof. Valery Menshikov, the chief designer of IGMASS, and vice chairman of the International Committee for the Realization of the IGMASS Project (**Figure 1**).

Menshikov highlighted September 2010, when the First Deputy Prime Minister of the Russian Federa-

5. Perminov is also the vice president of the International Academy of Astronautics and the deputy designer general/director general of the company Russian Space Systems.

TABLE 1
International, Regional, and Other Programs That Can Be Integrated into IGMASS
Presented by Anatoly Perminov

INTERNATIONAL PROJECTS	• **GEOSS**— A system to link together existing and planned observation systems around the world and support the development of new systems where gaps currently exist. • **Disaster Charter** — Aims at creating a unified system to provide satellite data to those affected by natural or manmade disasters. • **UN-SPIDER** — Operates under the United Nations Office for Outer Space Affairs to use existing satellite systems for disaster management and emergency response.
REGIONAL PROJECTS	• **Sentinel Asia** — A program led by the Asia-Pacific Regional Space Agency Forum to support disaster management in the Asia-Pacific region by using Earth observation satellite data. • **GMES** — Global Monitoring for Environment and Security is a joint program of the European Commission and ESA to pull together information from environmental satellites, air and ground stations to study the Earth's systems. • **SERVIR** — A joint program between NASA, USAID, the World Bank, and the Central American Commission for Environment and Development (CCAD), to provide satellite data to developing nations. • **DMC** — The Disaster Monitoring Constellation is a number of remote sensing satellites operated for the Algerian, Nigerian, Turkish, British and Chinese governments for emergency Earth imaging for disaster relief.
SYSTEMS FOR TELECOMMUNICATIONS, SPACE MONITORING, GLOBAL NAVIGATION, ETC.	• **GALILEO** — Satellite navigation system currently being built by the EU and the ESA. • **GLONASS** — Russia's global positioning system, the only system comparable to the U.S. GPS system. • **Space Monitoring System** — Russia plans on launching four satellites to study the hard-to-reach regions around the North Pole.

FIGURE 1
Stages of the Realization of the IGMASS Project
Presented by Valery Menshikov

1. **Exploratory Research and Development (2007–2011)**
   a. Analysis of engineering and technological capabilities for the creation of elements of the system
   b. Study of the precursors of natural and technogenic disasters, as well as the possibilities of using instruments to record these precursors
   c. Development of the IGMASS concept
   d. Engineering and economic analysis of conditions for the creation, development and functioning of the system
   e. IGMASS system design (development of technical specifications for creation of the system, and its elements)
      • 10 million rubles
2. **Preliminary Design of a Pilot Version of the System in Russia (2012–2014)**
   a. Preliminary design, creation of experimental modules and key elements of the system, development of technical documentation for the manufacture of experimental samples (2012–2013)
   b. Development of models of how the system and its elements' will function (2013–2014)
   c. Creation and testing of the functional subsystems of IGMASS, and adjustment of the technical documentation (2014)
   d. Systematic testing, preparation of technical documentation for mass production (2014)
      • 2,500 million rubles
3. **Creation of a Pilot Version of the System in Russia (2015–2017)**
   a. Fine-tuning the system's ground-based infrastructure (2015)
   b. Deployment of a specialized small spacecraft constellation (2016)
   c. Pre-deployment work on ground infrastructure for the data reception and processing (2015)
   d. Integration of system elements with its international counterparts, integration of monitoring data (2016)
   e. Fine-tuning of ways to achieve the prospective objectives of IGMASS (threats in and from space) through broad international cooperation (2015–2017)
   f. Full-scale testing of functional elements of the system (2016)
   g. Comprehensive testing of the system (2017)
   h. The system goes operational (2017)
      • 7,490 million rubles



Valery Menshikov

tion, the Foreign Ministry, the Russian Academy of Sciences, the Energy Ministry, the Economic Development Ministry, and the Finance Ministry, were all requested to "review the question of implementing the proposal to create an International Aerospace System for Global Monitoring [IGMASS], including resource procure-

ment for the job." All ministries and institutions (with the sole exception of the Finance Ministry) gave a positive evaluation. The Russian Federal Space Agency also sent a "Plan of Top-Priority Measures in 2010-2011 for Implementation of the Proposal to Create IGMASS" to the Russian Academy of Sciences, the Foreign Ministry, the Ministry of Emergencies, the Economic Development Ministry, the Ministry of Regional Development, and the Finance Ministry.

Progress in Seismic Forecasting

Perhaps the clearest examples of the forecasting potential of IGMASS is the ongoing study of the precursor activity that occurs before an earthquake, tsunami, or volcanic eruption. It is hoped that many lives can be saved in the future by monitoring for these precursor signals in order to give early warnings of when and where a seismic event may occur, and how large it may be. This was emphasized by Perminov in his keynote[6] and in other overview reports, and then elaborated in greater detail in four other presentations.



N.N. Novikova

Two of the presentations were by representatives of the Research Center for Earth Monitoring (http://eng.ntsomz.ru/), which directly receives and analyzes data from satellites which continuously monitor the Earth; it is run by the company Russian Space Systems[7] for Roscosmos. Included in its broad array of operations, the Research Center for Earth Monitoring watches for forest fire dangers, potentially dangerous asteroids and comets, and has started a new program to seek out seismic precursors, in an attempt to forecast earthquakes and volcanic activity. Earlier this year, an experimental program was initiated at the center, Project ES SFM (http://www.ntsomz.ru/projects/earthquake), aiming to test real-time seismic forecasting capabilities, and attempting to achieve a targeted objective posed by the Russian Academy of Sciences and the Russian Ministry of Emergencies. Focusing on earthquakes with magnitude 6.0 or greater in the Pacific region of the Kamchatka Peninsula, the Kurile Islands, Sakhalin Island, and Japan, the center made three successful forecasts between May and September 2012.[8]

Although it is a still-improving practice, this initial progress was highlighted by N.N. Novikova of the Research Center for Earth Operative Monitoring, in her presentation about Project ES SFM. Novikova discussed the three successful forecasts issued to the Council of Experts of the Russian Academy of Sciences (**Table 2**), and described the nature of Project ES SFM.

This was followed by a presentation by L.N. Doda, another representative of the Research Center for Earth Operative Monitoring and a participant in Project ES SFM. He included an overview of the methodology used for their earthquake forecasting. What he referred to as the "seismo-tectogenic conception" utilized by the center, is based upon the interaction of a number of factors: gravitational anomalies from shifting mass, local indications from a special analysis of cloud cover, the motion of gases throughout the structure of the Earth, the interaction of the solar/interplanetary magnetic field with the Earth's magnetic field, instabilities in the Earth's rotation, the association of magnetic meridians with tectonic processes, and the effects of solar activity on the Earth ("geoeffective" phenomena) in triggering earthquakes.

A number of satellite- and ground-based systems that monitor these processes are utilized by the center to produce composite maps of key conditions (**Figure 2**). Then specific criteria are used to identify what types of activity constitute a serious warning of a potential seismic event, where it may be, and how large. Doda discussed several examples of the work done at the center, focusing on specific seismic events and the

6. Perminov cited the example of Japan's March 2011, 9.0 Tohoku earthquake and subsequent tsunami which killed over 15,000 people. After the event, analysts went back to examine the recorded data from satellites and other observational systems, finding multiple, independent precursor signals indicating an oncoming major earthquake, days in advance. This case had already been presented to LaRouchePAC-TV on April 11, 2011, by Prof. Sergey Pulinets, http://larouchepac.com/node/17944

7. Russian Space Systems is one of the main supporters of the IGMASS conference, and is crucial to Russian space capabilities. It runs Russia's global positioning system, GLONASS, among many other vital tasks. The company was formed from former Soviet design bureaus which represented a core part of the Soviet space program.

8. For more on this experimental operation on seismic forecasting see http://eng.ntsomz.ru/projects/earthquake/doda_news120712eng

TABLE 2

Forecasts of the Research Center for Earth Monitoring

Presented by N.N. Novikova

Forecasts	Actual Events
May 4, 2012 — Forecasts of a possible powerful earthquake in Japan by May 16. http://www.ntsomz.ru/projects/earthquake/doda_news240412	**May 19-20, 2012** — Three earthquakes of magnitudes 5.9, 5.9, and 6.4 occurred on Honshu island, Japan.
June 15, 2012 — A forecast of a possible strong earthquake between June 20 to 30 was registered with the Expert Council of the Russian Academy of Sciences on June 15, 2012. http://www.ntsomz.ru/projects/earthquake/doda_news240412	**June 17, 2012** — Magnitude 6.4 earthquake on Honshu island, Japan. **June 24, 2012** — Magnitude 6.1 earthquake on Kamchatka .
July 6, 2012 — A forecast was registered with the Council of Experts of the Russian Academy of Sciences warning of "an earthquake with magnitude 6.8 (± 0.2) … on Kamchatka … or deep in the Sea of Okhotsk with a greater magnitude" most likely between July 20 and 30. The forecast also indicates the likelihood of a July earthquake in Japan. http://www.ntsomz.ru/projects/earthquake/eq27072012	**July 20, 2012** — Magnitude 6.1 and 5.8 earthquakes in southern Kamchatka.
July 31, 2012 — A letter extending the July 6 forecast to August 17 was submitted to the Council of Experts. http://www.ntsomz.ru/projects/earthquake/eq27072012 p. 16.	**Aug. 17** — Magnitude 7.7 earthquake in the Sea of Okhotsk (between Kamchatka and the mainland) 625 km deep.
July 18, 2012 — Also at a symposium on natural disasters, Sergey Pulinets warned of, "the approach of an earthquake with magnitude on the order of 6 in the Kamchatka-Kuril region. According to our estimates, it must occur in 5—6 days." http://www.ntsomz.ru/files/art_gisa.docx	

FIGURE 2

Earthquake Symptom Monitoring Systems

Presented by L.N. Doda

1. A system of 9-channel gravimetry stations at the Tula State University (developer: Dr. O. V. Martynov)
2. Strain measurement stations (dev.: I. & V. Stepanov)
3. Subterranean proton measurement stations in Petropavlovsk-Kamchatsky and Chieti (Italy) (dev.: D. A. Kuznetsov, director: V. S. Bobrovsky)
4. Electrotelluric measurement stations in Japan and Greece (Kakioka, Memanbetsu, Kanoya; Athens, Pyrgos)
5. Data from Russian and foreign Earth remote-sensing and cloud cover satellite systems with specialized processing at the Research Center for Earth Operative Monitoring to identify cloud seismo-tectonic indicators and other symptoms in satellite photographs
6. Database of the Paris Observatory's Earth Rotation Service
7. Heliogeophysical parameter databases of various nations

Systems utilized by Project ES SFM of the Research Center for Earth Monitoring in the experimental seismic forecasting program. Translated from Slide 6 of Prof. Doda's presentation, http://www.ntsomz.ru/files/present_doda.pptx

analysis of the conditions leading up to these events, from the standpoint of the seismo-tectogenic conception.

When they have credible indications of an oncoming seismic event, they send a letter to the Council of Experts (**Figure 3**).

In addition to the practical progress in the science of earthquake forecasting, what also stood out to the authors of this article is both the recognition of solar effects on the Earth's seismic processes, and of the *necessity* to incorporate these effects for accurate forecasting. The Sun's activity can fluctuate wildly, at times bombarding the Earth and its magnetic field with intense bursts of material thrown off from the Sun's atmosphere and surface. Geomagnetic storms, extreme weather, and even certain human health conditions are all either known or suspected to be linked to these solar events. The implications of studies conducted at the Research Center for Earth Operative Monitoring over the past year provide strong evidence for linking certain earthquakes to the Sun's activity as well (this is by no means

FIGURE 3

Letter from L.N. Doda to the Russian Expert Council on Earthquake Forecasting and Evaluation of Seismic Dangers



В РОССИЙСКИЙ ЭКСПЕРТНЫЙ СОВЕТ ПО ПРОГНОЗУ ЗЕМЛЕТРЯСЕНИЙ И ОЦЕНКЕ СЕЙСМИЧЕСКОЙ ОПАСНОСТИ

От члена РЭС Доды Леонида Николаевича
Тел.: [redacted], e-mail: [redacted]

Уважаемый Александр Иванович!

Прошу зарегистрировать и дать экспертную оценку следующему комплексному прогнозу: до 4 июля 2012 г. в одной из потенциальных зон, представленных на прилагаемой сейсмопрогнозной карте в виде желтых овалов, возможно землетрясение с магнитудой М6.5-7.0 (±0,2). Вероятные даты указаны в условных обозначениях сейсмомеридианов в легенде карты, пересекающих указанные зоны. Высока вероятность подобного ЗМТ в Японской зоне и на Камчатке с магнитудой М6.0+.

Прогнозная карта на июнь 2012 г. и композит с облачными сейсмоиндикаторами отправлены Вам по электронной почте 15 июня.

Л. Дода
15.06.2012

Реализация: 1.17.06.2012-20:32-(38,9;141,9)-М6,4-Н32-вост. Хонсю

2.24.06.2012-03:15-(57,6;163,0)-М6,1-Н17-с/в Камчатки

http://www.ntsomz.ru

An earthquake forecast from L.N. Doda of the Research Center for Earth Monitoring, June 15, 2012. Translation of the letter: "Kindly record the following integrated forecast and provide an expert evaluation of it: An earthquake with magnitude M6.57.0 (±0.2) is possible before July 4, 2012 in one of the potential zones shown on the attached seismic forecast map in the form of yellow ovals. The likely dates have been indicated in the map legend by notations corresponding to where the seismic meridians intersect the indicated zones. There is a high probability of such an earthquake with magnitude M6.0+ in the Japanese zone, and on Kamchatka.
"The forecast map for June, 2012, and the composite with cloud seismic indicators were e-mailed to you on June 15."
Realization: 1. June 17, 2012-20:32-(38.9; 141.9)-M6.4-H32-Eastern Honshu
2. June 24, 2012-03:15-(57.6; 163.0)-M6.1-H17-by/on Kamchatka

the first time this hypothesis has been introduced or tested).[9]

In the seismo-tectogenic conception, the solar-earthquake relationship is mediated through the Earth's magnetic field. On the one side, recent studies at the center claim to show strong evidence that seismic activity can be triggered by geomagnetic activity[10] (which they take into account in their forecasting); while on the other side, it has been long known that solar activity can cause large-scale fluctuations in the geomagnetic field (geomagnetic storms). As discussed above, this is not the only factor to consider, but the practical necessity to include it is highly significant for understanding the integrated connection among the Earth, the Solar System, and our galaxy.



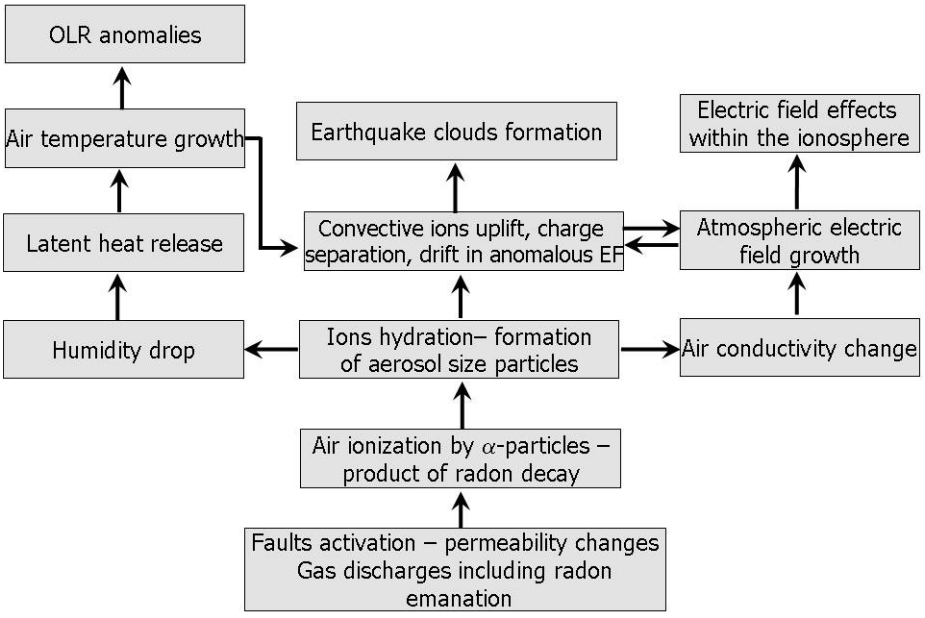
Sergey Pulinets

Prof. Sergey Pulinets of Russian Space Systems then presented his work on the theoretical structure underlying the processes that generate earthquake precursors. Identifying this as the "Lithosphere-Atmosphere-Iono-

9. For example, see, "Possible Correlation between Solar Activity and Global Seismicity," by Jusoh Mohamad Huzaimy and Kiyohumi Yumoto, Proceedings of the 2011 IEEE International Conference on Space Science and Communication (IconSpace) July 12-13, 2011, Penang, Malaysia.

10. See http://eng.ntsomz.ru/projects/earthquake/dodanews22062011 and http://eng.ntsomz.ru/projects/earthquake/dodanews07072011

FIGURE 4
Lithosphere-Atmosphere-Ionosphere Coupling Model



Sergey Pulinets

sphere Coupling Model" (LAIC, **Figure 4**), Pulinets detailed the relationships and mechanisms behind the various phenomena that can precede and even give forewarning of an upcoming seismic event (precursors). These include infrared emissions (outgoing longwave radiation, OLR), earthquake clouds, and variations in the ionosphere, all of which, Pulinets argues, can result from the emissions of radioactive radon gas from an active fault preparing to give way. The ionizing effects of this lithospheric radon emission on the atmosphere, and the subsequent interaction of the atmosphere with the ionosphere, generates this detectable array of precursor signals, which can be used to forecast a seismic event.

These three presentations, along with two earlier ones on satellite- and ground-based methods for monitoring the conditions of the ionosphere linked with seismic activity, rounded off the discussion of seismic forecasting.

The objective discussed by Perminov and others, is to develop this capability and incorporate it as a key component of IGMASS, creating a new line of defense from earthquakes, volcanic eruptions, and tsunamis.

Planetary Defense

Another major component of planetary defense discussed at the conference was the early detection and defense against potentially hazardous asteroids and comets. Impacts have occurred throughout the history of the Earth, and the inevitability of future asteroid or comet impacts with the Earth has become an area of growing concern within scientific and defense circles internationally. An impact will happen at some point in the future (we just don't yet know when), and we do have the technology to defend the entire Earth from this threat—but only if we take the appropriate measures to, first, discover and track all the objects that could pose a threat, and, second, have a defense plan ready in the event we need to deflect one of these objects. Russia's own experience of the 1908 Tunguska event has instilled a keen interest in this subject within the country's scientific community (**Figure 5**).

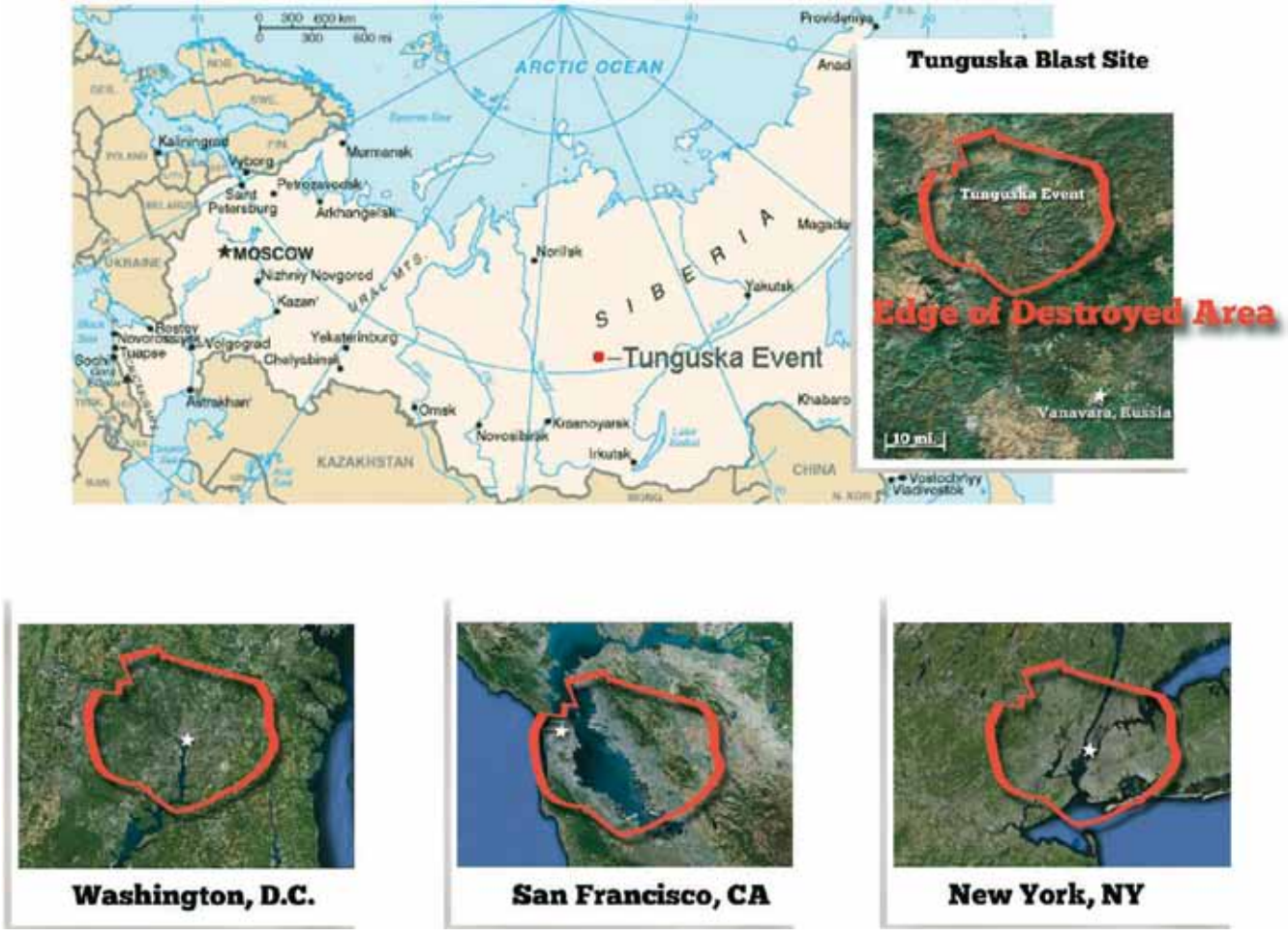
This subject was taken up on the second day of the conference by Sabit S. Saitgarayev, a representative of one of Russia's key missile and rocket centers, the Academician V.P. Makeyev State Rocket Center.

Saitgarayev's presentation, "Proximity Echelon for Protection of the Earth Against Hazardous Space Objects as the First Stage of the System Development," opened with a summary of key background information on the range of asteroid and comet sizes, and how frequent and energetic impacts are for differently sized objects (impacts from larger objects are less frequent, but more damaging, while smaller objects hit the Earth more often, but are also less energetic). He then discussed early detection, saying that we must focus on the entire region between the orbit of Venus and the orbit of Mars, in attempting to identify the objects long before they may hit the Earth. Saitgarayev concluded with a review of various methods that can be used to ensure that an incoming object does not impact the Earth, noting that his Center could produce the rocket system needed for such a mission.

While Saitgarayev's discussion remained within the realm of chemical rockets, another presenter pro-

FIGURE 5

The Tunguska Blast (1908) and Modern Comparisons



The Tunguska blast was an atmospheric explosion thought to be from a small asteroid or comet exploding as it entered the Earth's atmosphere at extremely high speed. Fortunately, this occurred over an uninhabited region of Siberia, as it leveled 830 square miles of trees. Any major metropolitan region today would be destroyed by an impact of this size.

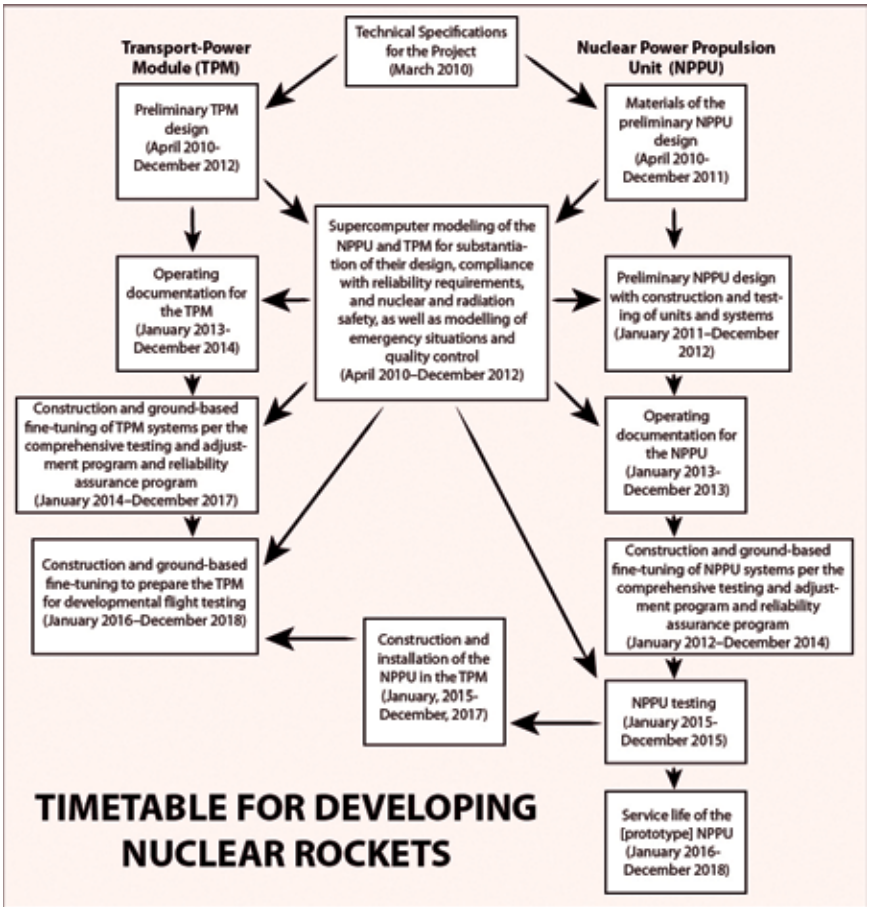
vided a more forward-reaching option: the development of nuclear rockets. Anatoly S. Koroteyev of the Keldysh Research Center (a major unit of Roscosmos)[11] focused on "problems of space propulsion," emphasizing the need to develop nuclear systems in space. Summarizing the history of nuclear rockets, Koroteyev included a note about their possible applications for defense against asteroids and comets. The power density available with nuclear power allows for propulsion systems that can provide significantly more in-flight acceleration/deceleration (whereas chemical propulsion systems are limited to ballistic trajectories), improving the capability to alter the orbits of dangerous objects which may be on a collision course with Earth. Koroteyev noted that even the basic electricity requirements of satellite systems have been increasing logarithmically throughout the space age, and the limit of what chemical



Anatoly Koroteyev

11. The Keldysh Research Center is a state-run facility under the direction of Roscosmos. It is Russia's leading organization in the field of rocket engine manufacturing and space power: developing, manufacturing, and testing rocket engines, space power systems, high-energy beam generators, and particle accelerators.

FIGURE 6



Anatoliy S. Koroteyev

and solar power can provide is being reached, further making the case for nuclear. He ended with a brief overview the Russian government's perspective to develop new nuclear power systems in space, in which they plan on completing a new nuclear rocket by 2017 (**Figure 6**).

With these presentations focusing on the power and propulsion side, other presentations looked at examining man's observational capability in space. Specific proposals to expand our observational capability came from M.S. Chubey of the Pulkovo Observatory, near St. Petersburg. Titled "Orbital Stereoscopic Observatory," Chubey's proposal is to place two identical optical telescopes in orbit around the Sun, one that is always trailing behind the Earth, and another that is always ahead (see **Figure** 7; these are referred to as the Lagrange points 4 and 5, or "L4" and "L5").



M.L. Chubey

The significant distance between L4 and L5 would provide a *stereoscopic* view of our Solar System and beyond, increasing our ability to judge distances (among other benefits), and improving our capability to see asteroids and comets, calculate their distance, and determine whether they are going to hit the Earth. The distances to nearby stars could also be directly calculated by measuring the parallax between the two different observatories.

Toward a Global Revolution

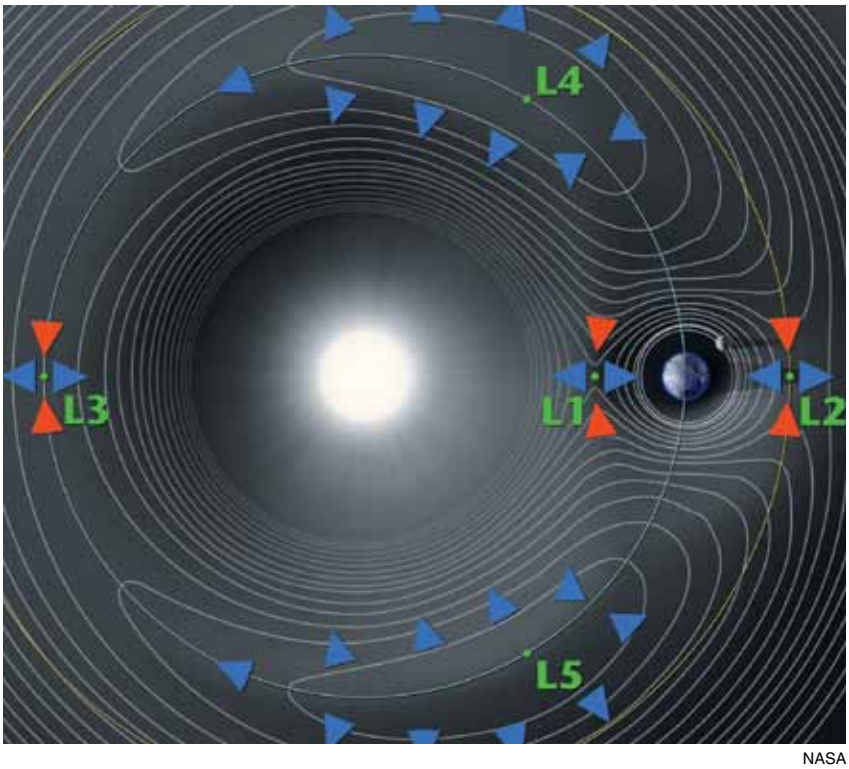
The IGMASS conference demonstrated that there is progress being made in programs that can transform mankind's ability to defend itself from a wide array of threats. While some of this work is truly revolutionary, there are certain global realities that must be introduced here.

What became clear throughout the conference is not only the importance of a framework like IGMASS to forecast and respond to potential catastrophes on an international basis, but also the need for a larger political shift in order to achieve its full realization. Two points stood out:

First, underlying the three-day event was the reality of the collapsing global economic system, and the lack of financial, physical, and human resources required to actually achieve these absolutely necessary programs.

Second, the success of a system like IGMASS will only be fully realized through the integration of the scientific capabilities of all leading nations, something that will require the involvement of the United States. The capabilities of NASA, NOAA, and the U.S. military provide an in-depth capacity that could be integrated

FIGURE 7
The Earth-Sun 'Lagrange Points'



NASA

The five Earth-Sun Lagrange points (bodies not to scale) are locations where the gravitational effects of the Earth and Sun reach a type of equilibrium. L4 and L5 are known as stable points, within which small bodies, such as small asteroids or man-made satellites, can maintain an orbit.

with Russia, China, and other nations to provide all mankind with the greatest possible defense from the threats discussed here. However, the current orientation of the United States toward Russia and China is a dangerously adversarial one.

For both these reasons, the political-strategic framework initially proposed by LaRouche as the SDI of the 1980s—and the recent re-offer by Russia in the form of the SDE—becomes crucial. Without the global economic reforms being proposed by LaRouche,[12] and the strategic shift to top-down, science-driven cooperation among the United States, Russia, and China, the aims underlying the intention of IGMASS could never be fully realized.

To properly understand this challenge, we are forced to take a larger historical view of mankind's existence on Earth, and within the Solar System. What was referred to in the opening as a necessary *coming-of-age of mankind*, is the fundamental imperative underlying the scientific/technological challenges, but also the political, social, and cultural challenges now faced.

Can nations with different histories, different cultures, and different political structures unite in advanced scientific collaboration to overcome the challenges that face all mankind? Can leading nations overthrow the still-existing reigns of a millennia-old oligarchical system, currently centered in the global British Empire?

There is a basis for conquering these challenges, but it is only found in a scientific conception of the power that mankind actually expresses in the universe, as a uniquely creative species, and the future that mankind must act to create to ensure progress, defense, and development.

That is true planetary defense.

The issue becomes nothing less than man's self-realization of his role in the universe. As LaRouche continues to develop in his writings, the fundamental block that still holds people back from achieving this, is their false belief in their own sense perceptions. Human biology does not provide an "honest" representation of mankind's interaction with the universe. Sense perceptions are merely shadows. It is only through the higher capability of the human mind—something strictly not biological—that man can fulfill his active role of always continuing to create completely new and higher forms of action within the universe.

This is illustrated clearly by the concept of the IGMASS system, with the integration and expansion of multiple arrays of artificial sensory systems. Created by the unique powers of the human mind, these systems become integrated into the noetically extended artificial sensorium of man, increasing the power of the human species to understand and change the universe—an imperative for mankind at the present time of crisis.

12. See the LaRouchePAC report, The Full Recovery Program for the United States, http://larouchepac.com/fullrecoveryplatform

Jason Ross

Looking to Space To Defend, Develop Earth

Jason Ross of the LaRouche Policy Institute gave this presentation to the IGMASS conference on Sept. 12. The video is at http://larouchepac.com/node/23907.



LPAC

Jason Ross startled the audience when he said, "The cost of a scientific program that is successful is zero. There is no cost!"

I work with Lyndon LaRouche, who is an American economist, and has been a candidate for U.S. President several times. His view of economics is that the creative ability of the human mind is the source of economic wealth. IGMASS is the perfect example, because it provides a great benefit economically, and provides protection for humanity.

In the United States there are two problems for implementation of this kind of program. The first is a political-military problem; the second is a political-economic problem.

Back in 1983, there was a program called the Strategic Defense Initiative, that was put forward by President Ronald Reagan. The American thinker Lyndon LaRouche had originated the idea. The plan was to cooperate with the Soviet Union against nuclear weapons, not just from the U.S. and Soviet Union, but also other, third parties in the world. LaRouche wanted to assure that the United States and the Soviet Union would assure the survival of the humanity, not Mutually Assured Destruction.

Here (**Figure 1**) you see Lyndon LaRouche and President Ronald Reagan; and here you see one of our

FIGURE 1

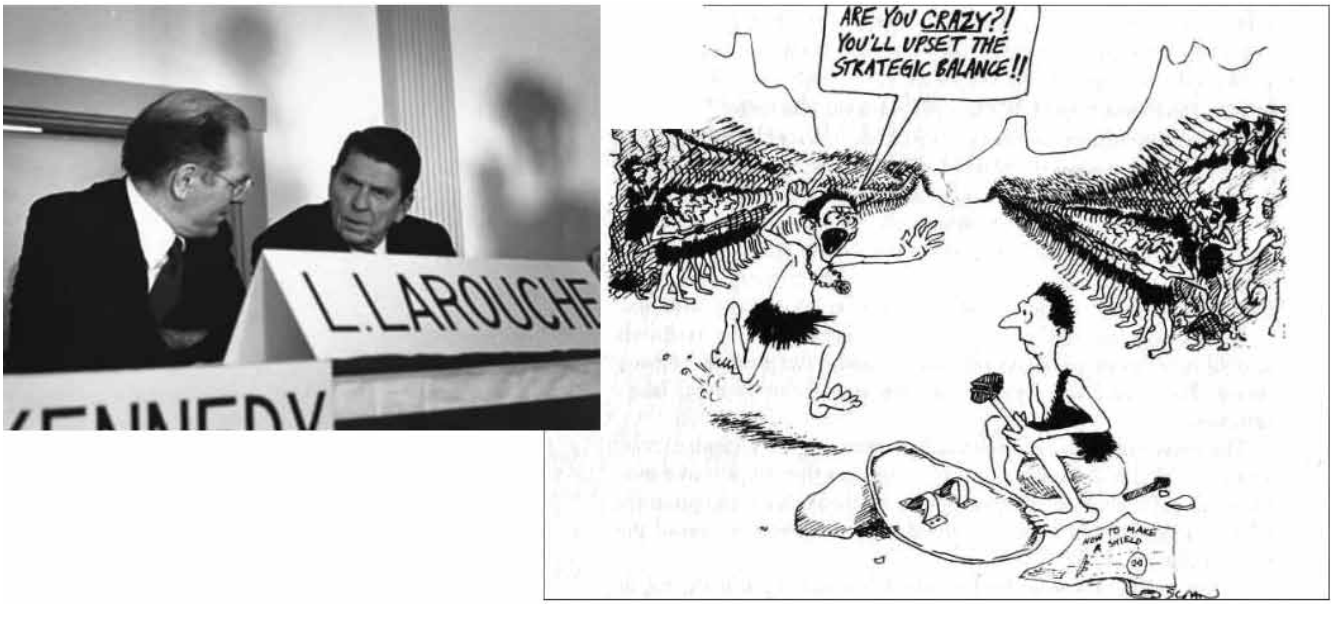


FIGURE 2

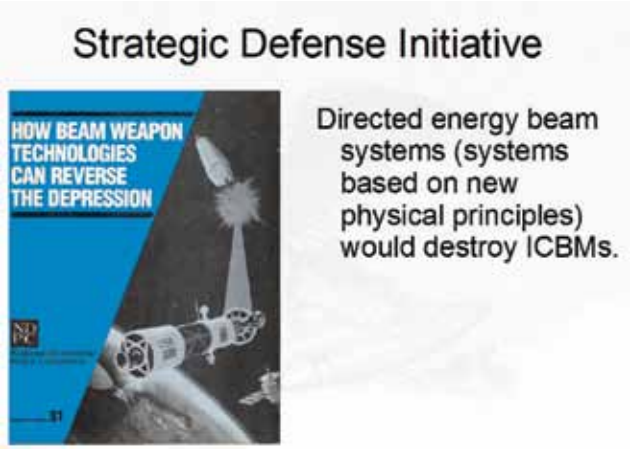


FIGURE 3



FIGURE 4



cartoons, where everybody has spears, but no one has a shield.

This (**Figure 2**) is a pamphlet from 1983 that our political movement with LaRouche had put out. They discussed how the energy of an anti-missile system, the new technologies, would provide great economic benefits, that would have payoffs far beyond the cost.

A problem currently for U.S.-Russia cooperation is that the United States is being very provocative: The anti-missile system being set up in Eastern Europe is very difficult for Russia, it is a problem (**Figure 3**).

If you look overall at the situation, you've got anti-missile systems, with radars, all around Russia (**Figure 4**). This makes it difficult for the United States and Russia to work together on military matters at present. We've already seen a conflict in Iraq, and in Libya. Presently, the United States is pushing for a conflict with Syria and with Iran. This is a problem.

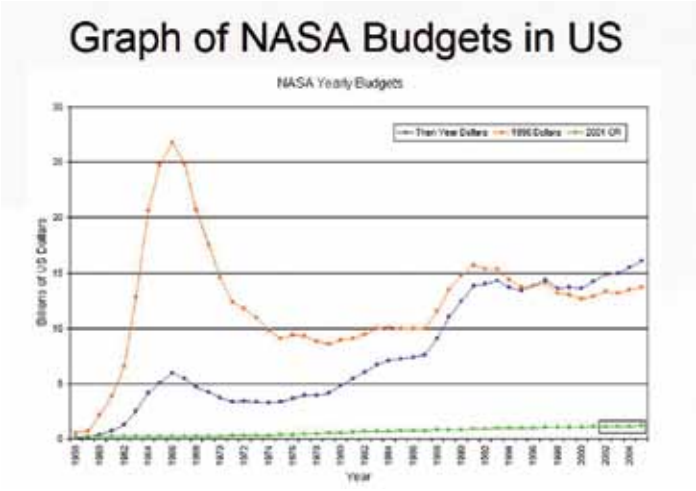
Last year, in 2011, [then-Russian Ambassador to NATO Dmitri] Rogozin had proposed Strategic Defense of the Earth, similar to the Strategic Defense Initiative of Reagan in 1983. The potential would be for military cooperation, not against each other or against missiles, but against asteroids. This would be a helpful addition to the current work of IGMASS.

I want people to know that in the United States, many people in the United States military do not agree with Obama: They do not want conflict with Syria or with Iran.

So now, economics: There are two large considerations in discussing IGMASS, planetary defense, etc., in the United States. The first one is that the economy is very difficult in the United States right now, and many politicians say, "There is no money. There is no money for asteroids, we have to spend the money here." The second is that NASA is having its budget cut continually by Obama and is less and less able to participate in such a program. Here (**Figure 5**) you see data on the spending on NASA. If you compare during the Apollo program when we went to the Moon, that is the peak, and it's come down very much since then, and it has continued under Obama.

The cost of a scientific program that is suc-

FIGURE 5



cessful is zero. *There is no cost!* To understand this, let's think about three kinds of profits. First, monetary-financial profit. With this kind of profit, you invest money, and you get money. Second, is physical profit: Such as agriculture, industry, physical infrastructure. You invest one kind of labor, the return is different. The third is scientific profit. That's what I want to discuss more.

With scientific profit, the cost and the return are incommensurable. You cannot use the same kind of measurement, the same kind of unit. For example, in the United States, with the Apollo program to go to the Moon, economists say that for $1 invested, we get $10 payback, $10 profit. But, are the dollars before and the dollars after, the same dollars? No!

Just because you can measure something, or identify its parts, does not mean you understand its whole. You think about a poem: In a poem, there are individual words, but a poet does not take a dictionary to write a poem. You start with one idea. Any description that takes forever and cannot be completed, is not an accurate description; there is something missing. I'll give you an example of that.

Consider the square root of 2. It is a simple number if you think about the number of fractions; there are an infinite number of fractions, but no fraction gives the square root of 2. It cannot measure it exactly (**Figure 6**).

If you try to express the square root of 2 as a fraction, you'll write forever. It is not an actual measurement.

One more example: If you think of the sine and the cosine, it is a simple idea. But, if you express it in algebra, it is never exact (**Figure 7**). Algebra goes forever. The circle is never completed.

So why is this important? In economics, the value of economic profit from science is transcendental. In Apollo, we spent $1, like a fraction. The profit, $10, is like the square root of 2, or the sine or cosine: The profit exists in an economy that as a whole is different. This is the basis of the LaRouche-Riemann economic method.

In this sense, profit is not local. It cannot be localized in one piece. The economy as a whole changes: We see this with Apollo. We could have seen this with the SDI. If we had the new kinds of energy, directed-beam technologies, particle technologies, this would change the economy as a whole, and it would be difficult to locate, localize, the profit. The whole economy is different.

As a very simple measure of this, Mr. LaRouche has proposed the concept of potential relative population density. In other words, how many people can we sup-

FIGURE 6



$$\sqrt{2} = 1 + \frac{1}{2+\cdots}$$

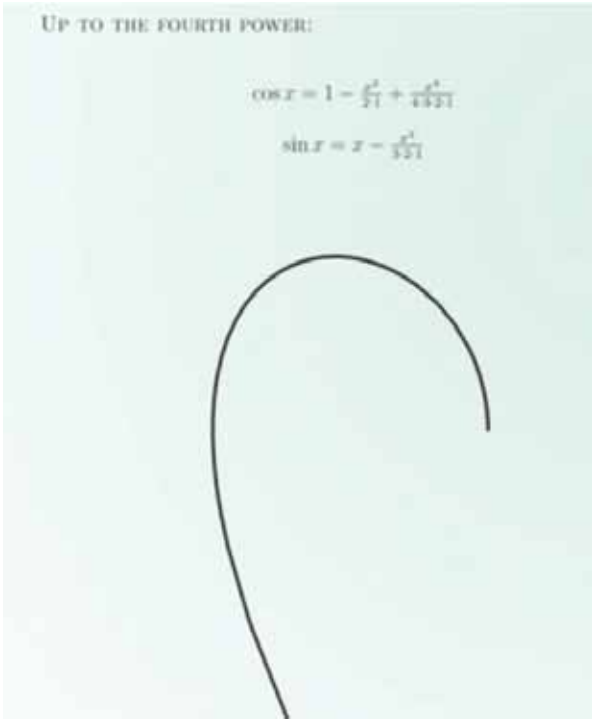


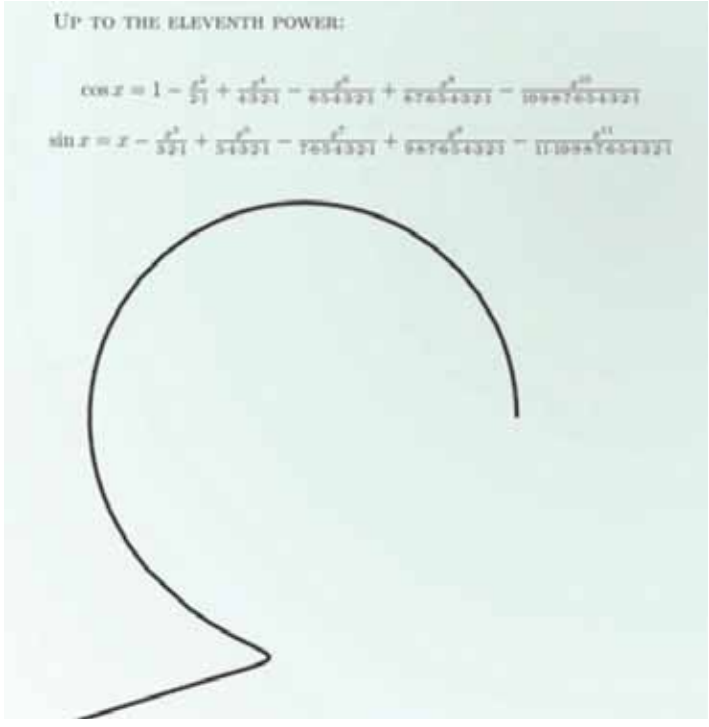
$$\sqrt{2} = 1 + \frac{1}{2+\frac{1}{2+\cdots}}$$



$$\sqrt{2} = 1 + \frac{1}{2+\frac{1}{2+\frac{1}{2+\frac{1}{2+\cdots}}}}$$

FIGURE 7



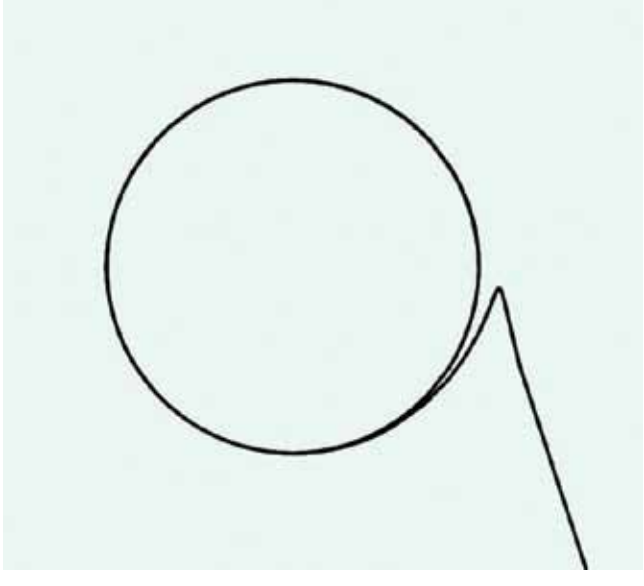


port in one country? How many people can live on the planet? We increase that number—animals do not. We increase that number when we get a new technology, and science is the source of these technologies that transform our economy as a whole.

The defense of humanity with space technology, as with IGMASS, the Strategic Defense of the Earth, is an excellent proposal. It is an excellent political opportunity for collaboration with other nations, and the economics is essential.

Right now, in the United States, in Europe, the economy is very bad, and people say, "Maybe we cannot afford this. This costs too much money, too expensive." The opposite is true. We *must* do these programs, *because* the economy is bad. Science programs have the biggest benefit in economics. For planetary defense, if we develop new rockets based on fission, maybe based on fusion, nuclear propulsion for the rockets, the payback for the economy as a whole, if we had fusion electricity, the payback would be phenomenal.

So the LaRouche Policy Institute wishes for the continued success of the IGMASS project. We are working in the United States, to get the United States working as collaborators against the threat of asteroids,



against the threat of earthquakes, against the threat of hurricanes, instead of the "threat" of Syria or Iran.

If you'd like some more information on this, we have material on it. I don't speak Russian, but we have people at the LaRouche Policy Institute who do, so you can feel free to leave your coordinates, and to be in touch.

Thank you.

Benjamin Deniston

The Economics of Planetary Defense

Benjamin Deniston of the LaRouche Policy Institute gave this presentation to the IGMASS conference on Sept. 12. The video is at http://larouchepac.com/node/23908.

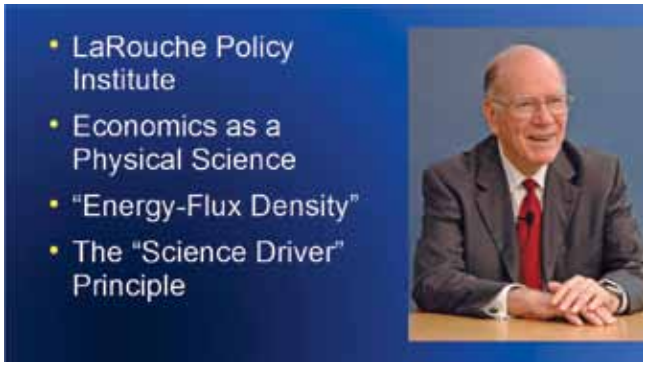
I'm also with the LaRouche Policy Institute, and I'm going to be following up on what my associate Jason Ross just presented. What I'm going to focus on is that real economic growth is a transcendental, qualitative process. And what I'm going to discuss is what types of programs are needed, what types of specific programs are needed, to guarantee that type of growth. And so, what this becomes a discussion of, is economics as a physical science, the physical science of how mankind progresses and grows, increases in productivity.



LPI

Ben Deniston: "We're trying to get the United States to take up the challenge of new science-driver programs, that will . . . completely transform man's ability to defend himself, and mankind's productivity and wealth for all society."

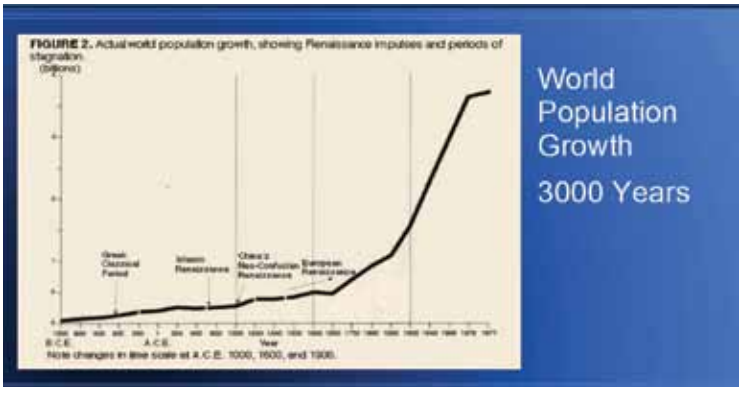
FIGURE



I will discuss a specific characteristic of that which LaRouche (**Figure 1**) has identified as energy-flux density, and then I will discuss what types of programs we need to ensure that we increase the energy-flux density for the benefit of mankind, for both defense and economic progress.

If you look at 3,000 years of human population levels (**Figure 2**), population is constantly increasing for the human species. So what Mr. LaRouche has studied, is how do we identify the science that gives mankind this unique capability to expand our population levels, expand our productivity per person, and how do you understand that as a science. This is important because no animal species can do this. No simple animal species can grow its population the way human economy can. So what makes mankind unique becomes a subject of scientific study.

FIGURE 2



Now, to investigate this, Mr. LaRouche has developed, again, a physical science of economics. And just to give a very brief sense, he looked at what you might call a thermodynamics of human economic processes, where you

look at the ratios of productivity relative to consumption, and you look at the ratios for the whole of human society, the entire economy, and you look at the ratios of the increasing productivity per capita. And throughout human history, you've seen that it takes fewer and fewer—that each individual operative of an economy, each individual worker, becomes qualitatively more and more productive. And this is detailed in a number of LaRouche's works, for example, in his textbook on economics (**Figure 3**).

If we look again at the growth in human population levels over 3,000 years, we see that two things are the case, from the standpoint of the thermodynamics of human economics, which is that you always have a continual increase in the total energy of the human economic system; and you always have an increase, if it's successful economic growth, in the free energy of the whole economy.

Now, I'm going to highlight a key, very important metric that correlates with this process. This becomes the study of what LaRouche defined as energy-flux density, where if you look at the history of mankind's usage of different power sources, you see that mankind moves from being dependent upon wood, a wood-based system, to a system of coal, to a system of petroleum, to a system of nuclear power, both nuclear fission and nuclear fusion (**Figure 4**). And you can measure the difference in these different qualitative energy sources in the energy-density comparison of the various sources, to where you can say, to get the same amount of energy out of different fuel sources, you need dramatically different amounts. And what this reflects is that as mankind moves to utilize energy sources of higher and higher energy density, that correlates with mankind's dramatic population growth, and the in-

FIGURE 3

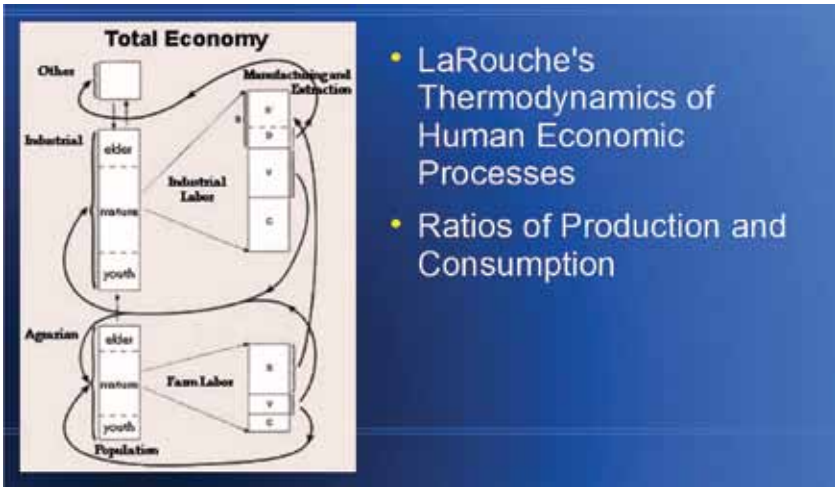


FIGURE 4

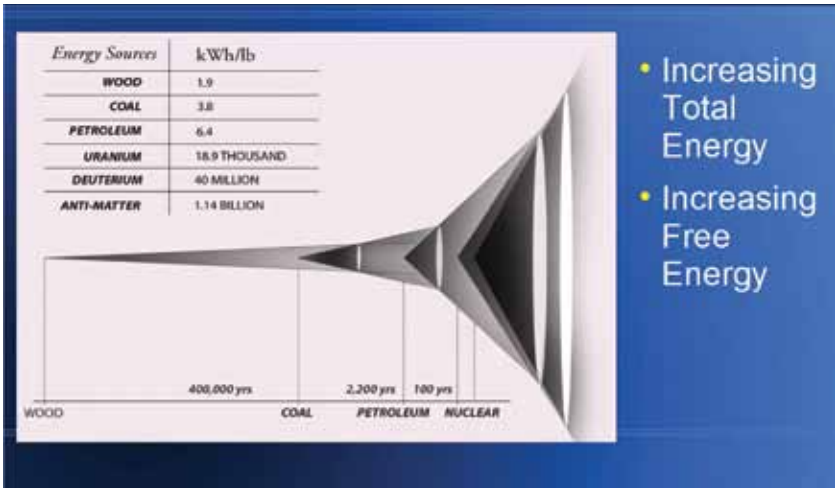


FIGURE 5



FIGURE 6

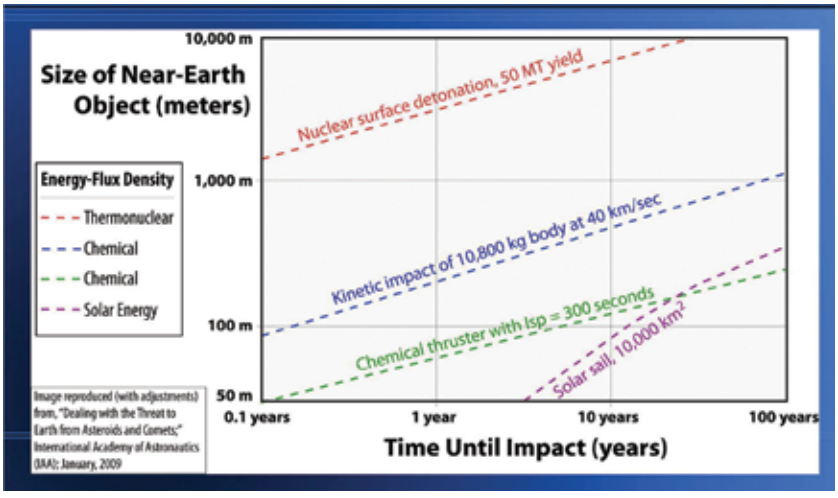
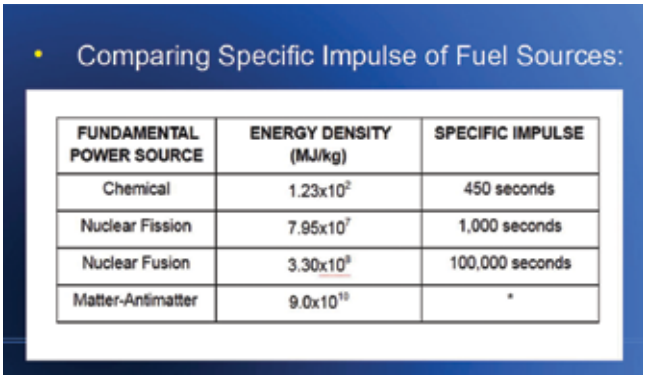


FIGURE 7



crease in the productive powers of every power in your society.

Now, to highlight a specific case-study in this question, we'll look at the threat of impacts on the Earth, and it's going to classified as two main areas of threats: the threats of near-Earth objects impacting the Earth; and a qualitatively different threat, the threat of long-period comets impacting the Earth (**Figure 5**). These are two examples of the types of threats that we know that mankind's going to have to deal with at some point in the future. This is not a question of "if"; it is a question of "when": "When is this going happen again?" And, "Is mankind going to be prepared to ensure that we don't have damage to the Earth and major loss of life, and potentially the extinction of human civilization? Can we take the necessary actions to ensure that that this doesn't occur?"

So, this question of energy-flux density was cited in a 2009 AIAA report on planetary defense (**Figure 6**). You can take just a simple comparison of asteroids—for example, asteroids of different diameters, going from 50 meters, to 100 meters, 1 km, 10 km, asteroids increasing in size, and then compare how early we must affect that asteroid to ensure it doesn't impact the Earth. How many months or years before an expected impact do you have to affect the asteroid?

And what we see here, is a very, very clear expression of this energy-flux density. It's one expression of a more general principle, but you can see that if we were to utilize solar sails, solar power, just become dependent on the radiant solar energy of the Solar System, that is the *least* effective method that we can use to protect the Earth from asteroids.

If we go to chemical modes, either with a chemically driven kinetic impactor to impact the asteroid with a heavy object, or attaching a thruster, a propulsion system, powered by chemical power, we have an increased efficiency in capability of defending mankind from asteroids. We can deal with larger objects, and we can deal with them in a shorter timeframe.

But by far the most efficient method is the peaceful use of thermonuclear explosives. The power density which you get with thermonuclear power gives you a much greater capability to defend mankind, and you can see, you can deal with objects that are much, much larger, and you can do it in a much shorter timeframe. So if there was an object that was 1 km in diameter, heading towards the Earth, with nuclear you can hit it only a few months before its expected impact; with chemical systems, you need to intercept it at least 100 years before, if not more, in order to have the same effect. So this is an expression of, you could say, the per-capita power that mankind has available, when we progress to different levels of energy-flux density as a mode of economic practice.

You can also see a second expression of this, if we look at the question of specific impulse (**Figure 7**). How much push do you get per unit weight of fuel, at different modes of energy-flux density? You can see that if we move from a chemical mode of propulsion to a nuclear fission mode of propulsion, and then to a

FIGURE 8

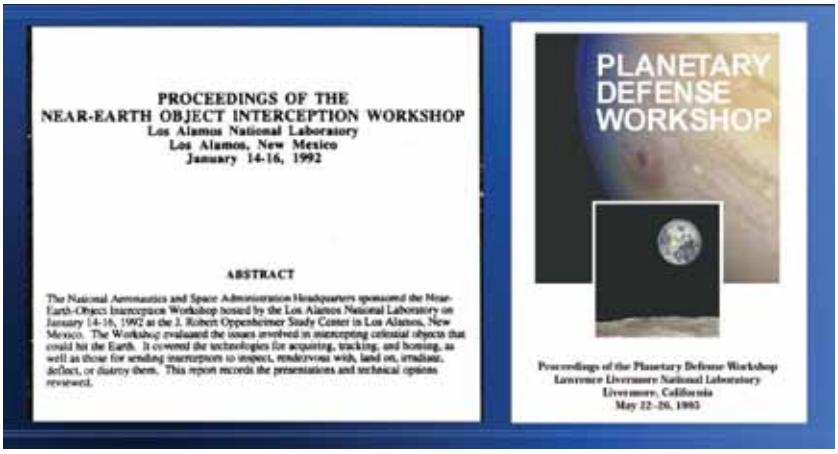


FIGURE 9

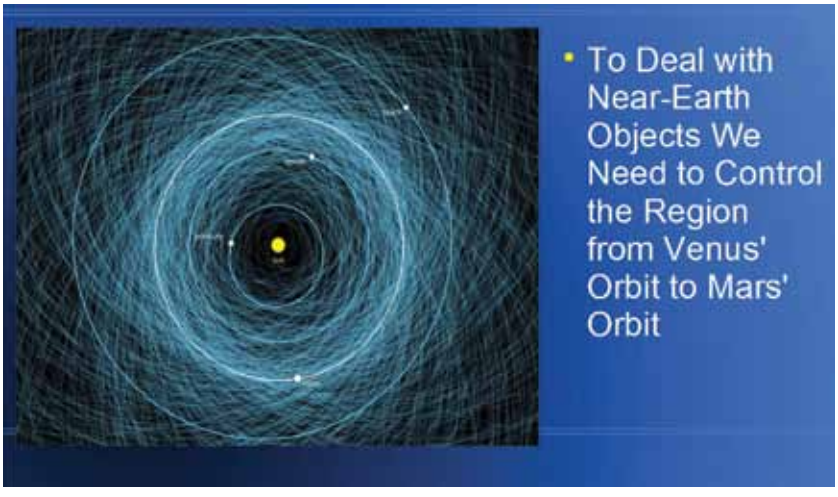
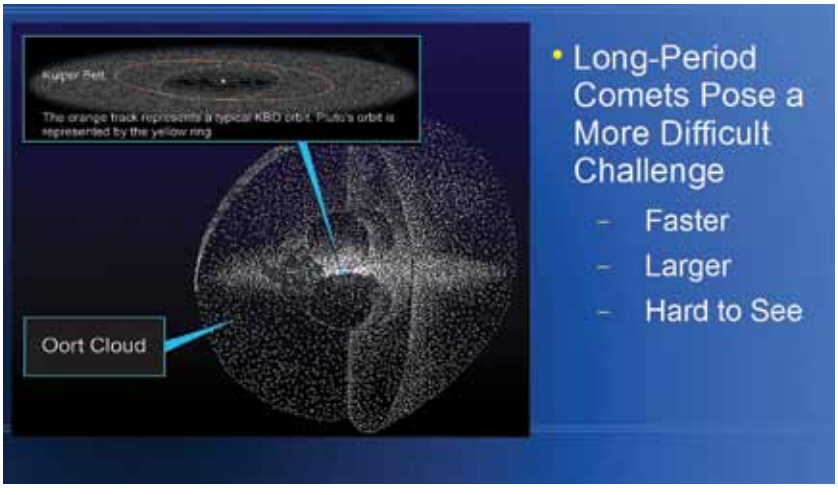


FIGURE 10



thermonuclear mode of propulsion, we have a dramatic increase in the potential power we can apply as a function of different, in this case, thruster systems or propulsion systems. And again, you can see that that is directly associated with increases in the energy density, how much energy per unit mass of the fuel.

The use of nuclear power for planetary defense, or asteroid or comet defense, is not a new subject. This was studied extensively all the way back in the early '90s, and I think it's worth highlighting the work done by the national laboratories in the United States (**Figure 8**), demonstrating the increased capability you get with nuclear systems—and this includes thermonuclear peaceful explosives. But also, as was presented yesterday, with nuclear propulsion, you're freed, you can begin to move beyond simply ballistic trajectories, and you begin to get constant acceleration. You can dramatically 1) increase the speed at which you can impact the threatening object; and 2) reduce the time it takes to get to an object if it's coming near you.

This becomes very, very important, because if the threat of asteroids and comets comes—it might not come tomorrow, but it certainly will come at some point in the future—the question is, will mankind make the advances to ensure that we can protect ourselves? For example, with the threat from near-Earth objects, we need to be able to control the region of the Solar System, stretching from, say, Venus's orbit out to Mars's orbit, and be able to intercept and move any objects that could pose a threat to us (**Figure 9**).

The challenge of long-period comets (**Figure 10**) is a second, even more difficult challenge, because they come in faster, they can generally be larger, and they become harder to see, because they come in from the outskirts

of the Solar System, and you have less warning time. This is an even more difficult challenge, and mankind will have to make serious technological breakthroughs, in order to solve this challenge.

So this brings us to the example of the science driver, and this goes to what my associate Jason was discussing earlier: that if you are pushing the frontiers of science and technology, it doesn't cost you anything. If you make revolutionary breakthroughs that qualitatively transform the potential for the human species to act, you generate the rates of economic growth and progress, that pay off any initial investment many times over. But it has to be a program that pushes the frontiers of technology; it has to be a program that moves us to beyond our current limits into completely new domains of power densities and activities.

And one thing that our organization has been discussing and presenting is the question of achieving thermonuclear fusion propulsion for space travel (**Figure 11**), and engaging in international cooperation in the science driver to develop these technologies, to advance mankind's potential in space. That's one thing we are organizing for in the United States, pushing the frontier of the thermonuclear platform.

FIGURE 11

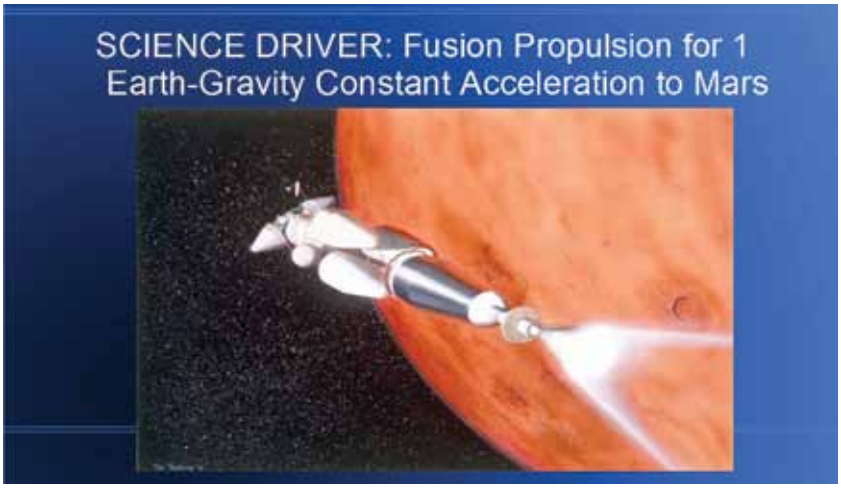


FIGURE 12



And to end, I would like to look back, on what does this actually mean for the human species? As was discussed at the beginning, no animal species can increase its population the way mankind can increase its population. This means that mankind has a capability that's not a simply biological capability; mankind has a certain unique power of mind, of creative thought, that gives mankind a unique capability to expand its power and presence in the universe.

And I think this was highlighted with the recent landing of the Curiosity rover on Mars (**Figure 12**). We're not physically there; our biologies are not there. But we're creating instrumentations that we can control with our minds, to begin to control this region of the Solar System. We're seeing the expansion of the power of the human mind, something Vladimir Vernadsky understood, with his study of the noösphere: that the way that mankind advances is by expanding the sphere of control of the human mind, to increase mankind's power in and over the universe.

So that's the objective, very briefly, for what our organization inside the United States is involved in. We're trying to get the United States to take up the challenge of new science-driver programs that will force the breakthrough in new technologies, with a heavy focus on nuclear fission, but also thermonuclear fusion, as the types of advances that will completely transform man's ability to defend himself, and mankind's productivity and wealth for all society.

END THE FOLLY IN SENSE-PERCEPTION:

Metaphor!

By Lyndon H. LaRouche, Jr.

September 19, 2012

From the lifetimes of such as Heraclitus, through Socrates and Plato, as through Eratosthenes, and, as in modern times, from Filippo Brunelleschi, through Cardinal Nicholas of Cusa, and such of their followers as Leonardo da Vinci, and Johannes Kepler: the true mainstream of modern science had, thus, subsequently expressed itself in the ontological realities of what had been the Classical artistic principle of ***metaphor****. Nicholas-of-Cusa successor Johannes Kepler's introduction of the demonstrated, metaphorical principle of* ***vicarious hypothesis,*** *has supplied the crucial basis for the competent practice of modern physical science, that, specifically, of Kepler's outstanding contributions to the creation of modern physical science, still today.*

So much for the subject of those essential definitions. The practical issue which must be featured from that standpoint, is the fact, that human sense-perceptions, when considered as such, are merely shadows cast, mere shadows which the credulous folk substitute for "reality." That is done in place of that which is defined as truly efficient "substance." All efficient truth is located, ultimately, within the bounds of the effective intention of what is to be defined as metaphor; it is that efficient intention, when assigned to metaphor, as I have just defined it here, which is inherently, by its nature, the truly proper subject to be considered here and now.[1]

The grave error which we must first consider in this report, is located in what is commonly recognized as the quality of error which is intrinsic to reliance on the notion of "sense perception as such." Such faith in "sense perception" is the typical root of an entire system of error, a type of error currently still deeply embedded in the customary general practice of sense-perception by populations generally. This custom must be strictly defined as a continuing sort of an active practice of "error," rather than the notion of being merely a particular lack of proper education. The corrected replacement for the mere notion of sense-perception, the replacement properly named "metaphor," is to be regarded as mandatory, for the reason that the correct view of the subject-matter had already been defined in certain known, ancient cultures. Those included cultures existing prior to the resurgence of a leading reductionist kind of depravity, a kind of resurgence which had become practiced under modern systems of oligarchical depravities such as the culture of the British empire-system, among other victims, still today.

1. *E.g., Shakespeare's character Hamlet wrote:" … Thus conscience does make cowards of us all; and thus the native hue of resolution is sicklied o'er with the pale cast of thought; and enterprises of great pith and merit, with this regard, their currents turn awry, and lose the name of action …."*



"All efficient truth is located, ultimately, within the bounds of the effective intention of what is to be defined as metaphor," LaRouche writes. Leonardo's use of "sfumato" (seen as if through smoke) and "chiaroscuro" (light/dark), to convey ambiguity, i.e., metaphor in painting, are evident in his "Virgin of the Rocks" (Louvre, ca. 1480)

Consider the most essential features of the relevant history of this matter of the foundations of modern science:

The revolutionary progress associated with the Fifteenth-century "Golden Renaissance," had reached its relatively highest rate of underlying scientific progress, under the globally extended influence of the referenced Cardinal Nicholas of Cusa (A.D. 1401-1464), during and beyond his lifetime. Cusa had been a most crucial thinker of his time, probably the most crucial of both his own lifetime and that of his immediate posterity from among the founders of modern science. Among his other leading achievements, Cusa was the founder of a systemic comprehension of that then newly-stated principle of physical science, an authority which is defined with precision in his ***De Docta Ignorantia*** *(AD 1440), and, as this discovery by Cusa is reflected in the unique, existential principle of astrophysics, metaphor, which was to have been introduced as a discovery by Johannes Kepler.*

While Cusa's seminal achievement in that and related matters, has been unique to modern science in all leading respects, his achievement must also be recognized as both a reflection, and a correction of the great earlier achievements of Plato and his circles. The significance of that part of the history of the European Renaissance for modern society today, is best typified by the unique achievements in physical science due to Johannes Kepler. Unfortunately, lately, despite the great achievement of the 1648 Peace of Westphalia, the extended practice of tyranny by the so-called "New Venetian party" of William of Orange, et al., had led modern Europe into the subsequent establishment of the British empire as an empire-in-fact, as under Lord Shelburne already in February 1763. Matters went onwards from that earlier imperial victory of his, to emerge, soon, as the modern British Empire launched by means of Shelburne's 1782 establishment of the British Foreign Office.

The British empire, as it was established then, is still the relevant party of world empire today—a role which the British monarchy shares currently with the same Saudi Arabia which has played a key role in the mass-killing of U.S. nationals in the so-called "9-11" incidents of 2001, and, later, the recent slaughter of U.S. diplomatic nationals in Libya.

Those recent murders, which have been prompted by the policy of practice of President Barack Obama, reflect the pattern of frauds which some have practiced in the course of promoting such imperialist atrocities as a presently global prospect of general thermonuclear warfare. The presently immediate prospect of a war which would suddenly lead virtually, or actually to the threatened extermination of our human species, now demands an immediate institution of that specific quality of alternative order of global society, a quality, the which, by its very nature, eliminates the threat, but without destroying what we must now restore as the continued principle of the system of sovereign nation-states.

Those just stated facts, lead us now into the core-subject of the crucial matter so placed before us now: the matter of the little known, but truly knowable principle of the human mind. I explain, as follows.

I. The Principle of the Human Mind

The both conventional and also inherently mistaken, "popular" doctrine, which is familiar to us as the trust in "sense-certainty," should now become recognized correctly as having been obviously absurd in principle, as it had also been virtually universal on precisely that same account. That doctrine has been a generally accepted, if nonetheless wrong belief, which had been established about "as far back" as a current "popular opinion" respecting "text," has been enabled to reach, up to the present time.

Nonetheless, there had been significant, nobler exceptions to such misguided, or otherwise faulty opinions as those presently common among the broader strata of populations. I mean those exceptions among those rarer minds which had been developed to a higher degree, a degree associated with what had been commonly known, formally, as rooted in truly Classical modalities in music and poetry. Such had been the distinction of what was recognized as "a Classical form of implicitly sung poetry."

Now, to get to the root of the problem which we are considering here, we must now look deeper, much deeper. The problem which we need to address, is the absolute distinction of the human mind's essential functions, as contrasted to what is merely human sense-perception. On that account, we should focus attention on the considerable importance of examining the specific agreement to be reached on the definition of a truly universal notion of the exemplary quality of the efficiently ontological existence of the human mind, as that quality was shared on behalf of an explicitly defined matter of agreement reached between the physicist Max Planck and his associate Wolfgang Köhler.

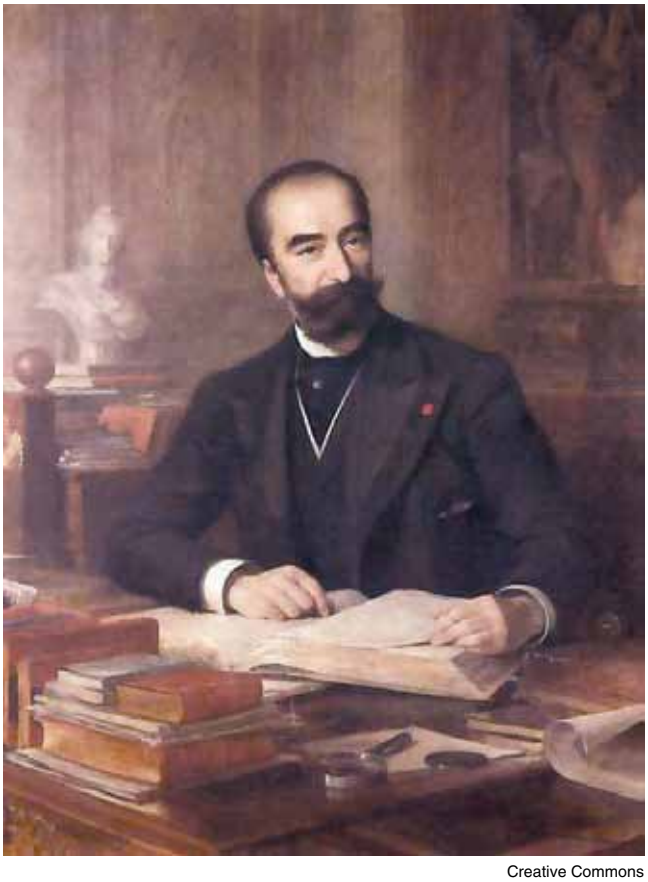
This unique principle respecting mind, which resides in the ontological basis of specifically human creativity, is therefore, now to be located by our human species in the functions of what are conveniently defined as trends toward "Classical artistic composition:" a function which also underlies man's ability to develop true discoveries of universal physical principle. ***The crucial principle is that to be located in the distinction of the functions of the true human mind, as distinct from the relatively superficial human practice of sense-perception. The crucial conception needed for that principled purpose, is that of metaphor when properly defined.***[2]

There are certain complications to be mentioned here, such as what are called "asides," "asides" such as what are often identified as "ups and downs" in the known history, geographies, and varying cultures among civilizations. The principal types of systemic intellectual and related failures among peoples and their cultures, fall under the title of the effects of *oligarchism*, as such effects have been typified by the familiar historical cases of the Roman, Byzantine, Venetian, and the "New Venetian" (e.g. British imperialist) systems.

Since the Ouster of Bismarck

The most recent among the principally successive waves of depravities experienced by trans-Atlantic civilization, had been launched by the 1890 dismissal of Germany's Chancellor Otto von Bismarck from his office. The general sweep of cultural degeneration throughout the trans-Atlantic regions, for example, was set into motion immediately following the ouster of

2. The currently, widely and wildly misdefined meaning assigned to the name of *metaphor*, is chiefly a product of a cultural degeneration which became embedded with the replacement of "Classical" by the decadence of trans-Atlantic "Romantic" and "Modernist" culture. See later comment on this here.



Creative Commons

Among the markers for the general sweep of cultural degeneration throughout the trans-Atlantic region, following the overthrow of Bismarck in 1890, was the 1894 assassination of France's President Marie François Sadi Carnot. Portrait of Carnot by Théobald Chartran.

Bismarck, as was demonstrated by the British Prince of Wales' alliance with Japan for their war against China, and by the 1894 assassination of France's President Marie François Sadi Carnot.

The entire sweep of the interval from the 1890 ouster of Bismarck, through to the present moment of threatened global thermonuclear warfare, has been along a persisting general track into what has been an essentially continuing and deepening cultural depravity. The assassination of President William McKinley, like that of Abraham Lincoln earlier, as like the death by exhaustion of President Franklin Roosevelt, and like the successive assassinations of President John F. Kennedy in 1963, and that, on June 6, 1968, of his brother Robert, had been prominent markers of sudden, but also long-ranging periods of declines in the moral and economic-political systems of the United States and certain leading other nations.

The more recent, precipitous, set of national and broader degenerations which has been marked by the cases of such as Presidents George W. Bush, Jr. and Barack Obama, has been expressed in the precipitous fall of the trans-Atlantic, British/Saudi-dominated sector of the planet into its steepest, and still accelerating collapse into a presently "new dark age" decline of the trans-Atlantic region. Unless President Obama were to be suddenly turned out of office, the darkest of all dark ages of mankind were presently diving into an accelerating descent into a planetary "new dark age," certainly that of the trans-Atlantic regions, but also beyond.

Once we have taken the matters identified in the immediately preceding paragraphs into consideration, we may then, as now, also take the consideration of the conflicting subjects of sense-perception and metaphor into a relatively sharp focus, now, as follows.

The True Principle of Metaphor

To understand these matters competently, it is indispensable that we now recognize the tradition which prompted Johannes Kepler to discover the functional principle of physical science which he had named ***vicarious hypothesis***. It is also indispensable that we recognize the certain quality of equivalence of both Johannes Kepler's notions of ***vicarious hypothesis*** and ***metaphor***. The distinction which those usages share, is to be recognized as implicitly emphasizing the incompetence of the attempt to attribute real existence to the experience of mere sense-perception as such. The argument which Shakespeare places on the lips of his Hamlet in the third act's "to be or not to be," or, as in the opening "chorus" of **Henry V**, are relevant examples reflecting the function of ***metaphor, rather than the inherent fallacy of a merely quantitative measure***.

Stated otherwise, it is sense-perception (more insightfully marked as "sense-deception") which is the shadowy, relatively defective element in the process of human experience. It is the attempt to impose the notions of sense-perception upon populations as "a self-evident reality," which is the common source of error in any attempt to discover and establish an actually scientific practice. It is the lessening of the dependency on the apparent evidence of sense-perception as such, which implicitly "measures" an improvement in respect to the need to eliminate the quality of inherent error in the generality of the human experience. A closer examination of the general argument encompassing the content of Bernhard Riemann's habilitation disserta-

tion, actually adopts that outlook which has been the implied point of his approach to the subject of mankind's practical relationship to the experiencing of the universe through the functions of experimental sense-perception.

It is more than merely useful, to consider those implications from the vantage-point of the work of Johann Sebastian Bach, Arthur Nikisch, and Wilhelm Furtwängler in Classical musical composition, as considered in opposition to the systemic silliness of the fallacy of mathematical "sense certainties." Add to that, the degrees of irrelevance of quantitative measurements with respect to the principles of Classical drama, thus including the role of the effectively efficient, qualitative meanings, meanings which are intrinsic to the specifically ontological content of drama or Classical poetry as such.

This category of considerations takes us from out of the limits inhering in the use of merely deductive methods, into the matter of foreseeing a future yet to be experienced. Highly notable, as within the context of this present report, is my own leading experience in certain scientific matters of forecasting which pertain to the ability to foresee a future development as expressing a specific kind of forecastable effects. This is, of course, my most notable achievement in matters of that general practice, in contrast to the usual failures inherent in statistical and related modes of an attempted economic forecasting of a systemically original development.

The disturbing aspect of such forecasting abilities, is the fact of the inherent trend of failures inherent in the use of both deductive methods and standards which are, specifically, systemically calculable, retrospectively, but not by deductive, or comparable attempts for discovering the future. All such apparent anomalies share the seemingly nominal characteristics specific to metaphor, and the method of ordering of development within the process of composition represented by Johann Sebastian Bach's two sets of **Preludes and Fugues**, as represented by Wilhelm Furtwängler later.

II. The Question of the Future

As I have emphasized immediately above, the essential distinction of that competent insight, which separates such insight from that folly which is inherent in deductive methods, is a matter of a reality to be discovered through the means of a qualified approach to a foreseeing of the future-as-such, as inherently a determinant of the present.[3]

J.S. Bach's method, as typified by his work in the two sets of **Preludes and Fugues**, has the "hearable" implications of a system reflecting the evolutionary emergence of the future. Otherwise, the performance of the work produced by a great composer of music might be considered "pretty," but not, therefore, as really truthful in the effect of its required performance as ***a generator of*** actually physical-scientific progress in the human condition. In proper Classical composition, we require actually creative solutions designed by the intentions of the relevant Classical composers and performers, intentions which must be experienced as such an ordering by the inventor's specific experience of what is, for him, or for her, *as the relevant performance of the future*, and that as if instinctively. In brief, it is that perception of the future, or the lack of a real future, which determines the outcome of the present.

That, when stated summarily, is, and remains at the root of my exceptional, registered successes as a forecaster of economic and related processes.

My relatively unique career as a successful forecaster, typifies, in the most crucial respects, the essential distinction of the developed potentialities of the human mind, from the failed human methods which conform to the inherent implications of the commonplace, methodologically deductive commitments. The issue which I impose, inherently, in presenting that statement here, is the matter of the urgently needed appreciation of the quality of intention which generates the coming-into-existence of those fundamental principles themselves, the principles which must shape the development of society for the actual shaping of any successful quality of a presently intentional course of understanding the future of history, and, therefore, also, what will have become, ironically, the new "past history" of mankind.

When these facts are considered from the standpoint of modern American-European experiences, the available "cultural" evidence is, that the stultification of the higher intellectual abilities of what may be considered the "educated" strata of today, reflects a known charac-

3. This is the potentially essential distinction of man, systemically, from higher orders of species of beasts. A person may be more or less capable of reacting to the products of actually creative mentation, but tends to be usually "blocked" against forming independent insights of this specific quality as of a species of "what is yet to become." Hence, the implicitly sub-human depravity of the British imperialist system, like all preceding empires as such.

teristic of the existence of "oligarchical society," rather than that of mankind in our species' true nature.

Consider the Consequences

The standard "upper class," often called the "oligarchy," regards those assigned to the lower class as being merely "practical," rather than systemically "cognitive." Ironically, this division of society between "the ruling classes" and "the underlings," which tends to induce an "upper class" which cultivates its own stupidity as a social class, has the effect of a partition which should remind us of "aristocrat versus serf"—such as the virtual serfs of London's former Wall Street puppet, President Andrew Jackson. On this account, in the social history of the population of our United States, since the assassination of President John F. Kennedy, and, thus, since the assassinations of that President and his brother, Robert, there has been an ever more brutish reign of "Wall Street's oligarchical pretensions," a moral and intellectual decadence of the privileged "youth," a decadence which has steered the deepening intellectually-immoral quality of the academic "Sixty-Eighter."[4] Since the puppets of British agent Aaron Burr and an ageing Burr's puppet Andrew Jackson, that Wall Street trend has generated the consequent moral and related, further degenerations among social classes—as in the case of that which has led the trans-Atlantic nationalities into their present. actually decadent impulse for cultural self-extermination, as exhibited by the so-called "environmentalist" degenerates.





"J.S. Bach's method, as typified by his work in the two sets of Preludes and Fugues, has the 'hearable' implications of a system reflecting the evolutionary emergence of the future."

Nothing demonstrates the truth of my warning in a better way, than the case of the Boston-New York City-Philadelphia-Chicago-California-*et alia* university types known as "The Sixty-Eighters." The typification of that particularly depraved "class" and its effects on the society's culture-in-general, has been the actually rabid, "stomach-turning" quality of the "greenie subculture" whose pathological roots are located in the effects of the domination of the United Kingdom on post-Charles de Gaulle Europe, by the spawn of France's Mitterrand's monetarist pestilence.

The roots of the degeneration in Europe since the 1763 "Peace of Paris," are located most readily in the immediate aftermath of the influence of Lord Shelburne since that time, and also well past that time, through his 1782 establishment of the British Foreign Office. Shelburne's influence over circles associated, as "seriously confused and other" corruptible ranking strata, from among the leadership of the U.S.A.'s victory as a sovereign reigning republic, was a crucial factor in the histories of the periods of disorienting the government of the U.S.A., as presently, in the recent periods of Presidential elections, as now. However, this evidence can not be competently appreciated, until due consideration has been given to the global factors traced directly from "the New Venetian party" of William of Orange and the

4. During the midday hours following the assassination of Robert Kennedy, I intervened to prevent Mark Rudd and his followers from mobilizing their intended plan to celebrate the assassination of that Presidential candidate. A leading member of that group of my adversaries, acceded to my warning that such an action by Rudd's crew would have aroused the contempt of the population generally.

Riemann's Crucial Insight



From Bernhard Riemann's habilitation dissertation, ***On the Hypotheses Which Lie at the Foundations of Geometry****, translated by Henry S. White, in David Eugene Smith, ed.,* ***A Source Book in Mathematics*** *(New York: Dover Publications, 1959):*

It is well known that geometry presupposes not only the concept of space but also the first fundamental notions for constructions in space as given in advance. It gives only nominal definitions for them, while the essential means of determining them appear in the form of axioms. The relation of these presuppositions is left in the dark; one sees neither whether and in how far their connection is necessary, nor *a priori* whether it is possible.

From Euclid to Legendre, to name the most renowned of modern writers on geometry, this darkness has been lifted neither by the mathematicians nor by the philosophers who have labored upon it. The reason of this lay perhaps in the fact that the general concept of multiply extended magnitudes, in which spatial magnitudes are comprehended, has not been elaborated at all. Accordingly I have proposed to myself at first the problem of constructing the concept of a multiply extended magnitude out of general notions of quantity. . . .

[In conclusion:] This path leads out into the domain of another science, into the realm of physics, into which the nature of this present occasion forbids us to penetrate.

success of that heritage in Shelburne's imperialist influence and its consequences in what was to become a British-empire-in-fact, as in the February1763 Peace of Paris, through his role of leadership during, and beyond the generality of the 1790s and the Napoleonic wars.

Once the individuals have taken into account such matters as those just referenced above, it should become clear, and also clearer to them, that we must subject ourselves to a sense of the need for a profoundly systemic change in modern conventional notions of the passage of what we denote as "time." The following considerations are now crucial.

"Just in Time"

The crucial point to be considered here and now, is lodged within the following fact.

Competent insight into crucial developments occurring in the future, depends upon the developed capability of the forecaster to have predetermined the content of the action by means of which foreknowledge of the "tensions" reflecting the future, changes the present course of events. There are, shall we say "obviously," two considerations to be taken into account. First, the ability to define a change in principle from the present, into the future as acting to change the present. In considering this notion, we find that in the method of composition employed in Johann Sebastian Bach's sets of preludes and fugues, we have an explicit expression of the way, as through the means of the composition of the fugues, in which the composer's foreknowledge of newly created sensed precursors of pre-determination of the future state, transforms the principles of action.

That typifies the primary approach to understanding a physical principle's effect in its changing the meaning of the conception of an actual future. This is, in the first instance, also the relevant principle of the actually "Classical" composition, which puts the "Romantic" or "Modernist" into systemic opposition to the actually Classical. In the second instance, this refers to the actuality of the process of the discovery of a new universal physical principle. Restated: this means that all discovery of a future principle of the universe, actually changes the universe, as mankind changes man himself.

In principle, this concept had been restated, implicitly, in what has been, essentially, a most forceful way, in Bernhard Riemann's powerfully inspiring 1854 habilitation dissertation. It is also expressed forcefully in the known history of the evolution of living species generally, but most clearly in the upward evolution of the creative power in the evolution of species—and, the power unique to the characteristic existence of our

human species' intentional power to change the universe which we inhabit, as no other known species has been enabled to do so. However, we are able to demonstrate that nature of what is specifically uniquely human creativity, as by means associated with the work of Nicholas of Cusa, most emphatically in his **De Docta Ignorantia**. We are empowered, thus, to create what is otherwise defined as an extension of creativity itself.

This is the same power associated with Classical modes of human artistic creativity: we demonstrate the principle of creativity through the action of creating a change in what we believe we know concerning the universe. In other words, Classical artistic composition and evolution of the universe to higher states of existence, are comparable abilities.

III. The Actual Science of Economy

Respecting the fundamentals of the progress of mankind stated this far: we, as a uniquely self-evolving, human species, are confronted essentially with two, successively combined, ***qualitatively ontological distinctions*** of our species: (1) a fact which should have carried our attention far beyond the notions of, first, the mere fact of ***an ontological principle of life as such***; and, (2) the uniquely higher quality of existence of the unique class of phenomena represented by ***the noëtic potentials specific to what we identify as the human mind***. These two distinctions, taken into account, in turn, and, then, combined, must present us with the evidence of the existence of a distinguishable universal principle, which, once duly considered, represents for us, as human beings, a principled phenomenon of ***self-creativity per se.***

What, therefore, is the significance of mankind's development of what had been, previously non-existent capabilities for the present succession of mankind's ability to cultivate a development both on the planet Mars, and respecting the prospect of defeating deadly threats lurking in the space marked out between the range of Mars and Earth? Shift attention from the mere fact of these prospective developments, by rising to the level of the subject of the upward process of ontologically distinct notions of a process of development which, of necessity, had subsumed these developments. Mankind is distinguished as a species, by the option of transforming itself anti-entropically, as no other known species could do.

We do not merely develop those of our powers which are intrinsically noëtic processes; we transform ourselves, ontologically, into evolved beings which have been made potentially capable, in themselves, of what had not been possible for the existence of our species earlier. We, respecting us, are the first known case of an actually self-creative form of living species; we are not merely qualitatively different as a species; we represent a higher order of self-evolution for our species than any other definition of life known to us heretofore: we are, *inherently*, a willfully creative species which must undergo successive phases of evolution into successively higher qualities of what we may identify as our evolving species. That is our essence, whenever we do not demean the very meaning of our existence, a meaning which is that of expressing our existential need to impel ourselves to rise, again and again, to a quality above and beyond all other living species known to us at any present time.

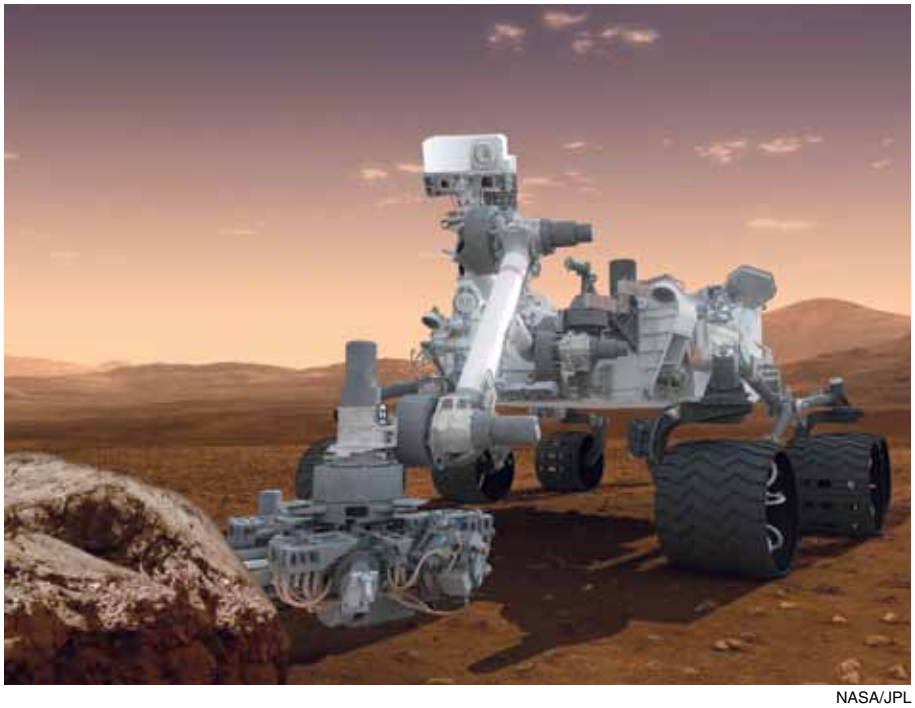
Were there any reason to suspect that we are less than what I have just described our species to be here, that result were a result of nothing as much as our qualitative self-degradation as members of our species.

What I have, thus, just summarized this far, respecting the uniqueness of human creativity, is to be considered in contrast to the characteristics of all other known species. This brings our conscience into conflict with previously accepted, erroneous notions of the specific nature of our human species, in absolute contrast to all other known instances.

It is the irony of this specific situation, which distinguishes the principled nature of "Classical artistic composition" from that, inherently, virtually sub-human depravity of what passes for "popular opinion." In other words, in the terms of fair approximations, the phenomenon which is to be properly regarded as human Classical-artistic creativity, exists *consciously* only in a willfully higher ordering of existence, ontologically—*a virtual, ontological, probably ever-continuing process of virtual species-jumps*—a higher order than any other known species of *life otherwise defined*. We must recognize ourselves as representative of what should always be (or should have been) a self-creating evolution of our apparently unique species. I.e.: "specifically human self-creativity."

We must cease to rely on the popular foolishness of thinking of man as a species which "might" evolve; we are properly destined to be fulfilled in the purpose of our existence as a virtual succession of evolutionary trans-

formations, by means of which to rise to relatively higher qualitative states of existence across successive generations: once we were intentionally and eternally oriented to an upward-evolving succession of generations, a series of qualitative ordering of the upward self-evolution of the human mind. The human species' innate intention in existing, is distinguished by its uniquely destined reliance on the discovery of what are, *in effect, intentional successions* of successively higher noëtic states of existence: ever higher energy-flux density of the species' existence. The failure of mankind to evolve to that progressive effect, expresses a willful, or quasi-willful failure in our species' behavior.



NASA/JPL

The defense of Earth from asteroids and other space objects will become possible with the extension of man's sensorium, through instruments such as the Mars Science Laboratory Curiosity rover, seen in this artist's concept from NASA.

Consider the pending development of our species, thus, against the already existing evidence of mankind's relatively immediate destiny as mankind's necessary mastery of Mars and other places from which we must now muster the defense of Earth against menacing natural satellites and comets.

Let us, therefore, now re-examine what I have written here this far, proceeding from the just-stated, higher order of conceptions.

Beyond a Thermonuclear Defense of Earth

The present standpoint for defining the role of mankind within, and beyond the Solar System, has been expressed by the role of Dr. Edward Teller in respect to both the Strategic Defense Initiative (SDI) and the related subject-matter of defense of life on Earth from collisions with all potentially dangerous debris, such as satellites, "floating" within "space."

Apart from a limited potential for human visits to Mars, mankind's prospective near-term visits are not the leading priority for human activity on that planet. What has been demonstrated, in principle, for man on Mars, so far, is the more immediate potential for the use of higher orders of successor instruments to "Curiosity," such as instruments for the kind of defense of Earth against "natural satellites" adopted as a long-ranging mission-assignment by the late Dr. Edward Teller. This means the extension of the successful design of a mission-orientation for military strategic defense on Earth, to a higher mission of systemic defense against the vast panoply of both "natural satellites" and the far more menacing comets among known objects within Solar space at large.

The immediately interesting considerations feature a certain prospective benefit for mankind which has been brought into consideration by the success of "Curiosity." The establishment of the placing of operating systems on Mars now, brings our perspective closer to the prospect of placing operating systems more advanced than "Curiosity" typifies, into the means for setting into place on Mars, controllable operating systems, which have an obvious mission assignment for assisting the defense of mankind on Earth in ways not otherwise feasible. The fact that systems on Earth and Mars, respectively, are "in communication" at the speed of light, should be coming to be recognized as useful to mankind on Earth in many, largely obvious ways, including "reciprocal assistance" in "diagnosing and directing" operations needed for discovery of, and actions against threats from roaming satellites threatening Earth. This is of particular importance for defense against comets.

Lavrov Warns: Arab Autumn May Lead to Nuclear Winter

by Jeffrey Steinberg and Nancy Spannaus

Oct. 2—In a Sept. 25 interview with U.S. talk show host Charlie Rose, Russian Foreign Minister Sergey Lavrov warned that the ongoing events in the Middle East, particularly the war drive against Syria and Iran, could lead to nuclear war. In answering a question about where the current unrest in the Arab world was leading, Lavrov referred to the escalating violence throughout the Middle East and North Africa as "Arab Autumn," and then dropped his bomb: "Well, I hope it's not going to the nuclear Winter"—a reference to the destruction of the Earth's climate by a thermonuclear war.

Lavrov made the comments in response to repeated badgering by Rose over Russia's refusal to join in the drive to overthrow Syrian President Bashar al-Assad, through outside military intervention, as was the case in 2011 in Libya. While Lavrov immediately tried to take edge off by saying he was speaking metaphorically, his remarks clearly shocked his host—*and were totally in line with the repeated warnings by the Russian leadership that the global drive for regime change being waged by the Obama Administration and its allies, is leading directly to thermonuclear confrontation.*

So far, the combined efforts of the U.S. Joint Chiefs of Staff, of the Russian political and military leadership, and of patriotic American circles, to prevent general war have succeeded. But, as Lyndon LaRouche has warned, until and unless Obama is removed from office for his high crimes and misdemeanors, the danger of thermonuclear extinction will loom large.

National Sovereignty Is Russia's Red Line

Disclaimers aside, Foreign Minister Lavrov, one of Russia's most seasoned diplomats, was clearly making a point. It is the same point that was made by Prime Minister Dmitri Medvedev in May of this year, at a forum on international law in St. Petersburg. Medvedev's policy statement, virtually ignored in the major international press, merits repeating:

"Particularly dangerous, in my view, are unilateral actions made in violation of the fundamental principles of the Charter of the United Nations, which is the main venue where the international community brings its problems. In fact, this is the only venue we have, even though some may not like it. But it truly is the only venue. And we understand that the UN Charter calls for respecting the supreme power of law and the sovereignty of states.

"One more thing that I believe is important, considering my experience in politics, is the concept of state sovereignty. It should not be undermined even if for the sake of achieving some immediate political gain, including an election to a particular post. Such attempts threaten global order. There have been many recent examples of the concept of state sovereignty being undermined. Military operations against foreign states bypassing the United Nations, declarations of illegitimacy of certain political regimes on behalf of foreign states rather than the people of the country involved, and imposing various collective sanctions,



UN photo/JC McIlwaine

Russian Foreign Minister Sergey Lavrov had one message to repeat at all his appearances in New York City the last week of September: Stick by the UN Charter, or else. Here, he speaks at the UN Security Council's meeting on Peace and Security in the Middle East on Sept. 26.

again bypassing international institutions, are some of them.

"This does not improve the situation in the world, while rash military interference in the affairs of another state usually results in radicals coming to power. *Such actions, which undermine state sovereignty, can easily lead to full-scale regional wars even—I am not trying to scare anyone here—with the use of nuclear weapons.* Everybody should remember this, especially when we analyse the concept of state sovereignty" (emphasis added).

All of Lavrov's interventions around the UN General Assembly session, including his formal address last week, proceeded from this standpoint. He repeatedly emphasized Russia's commitment to the Geneva agreement of June 30, in which the parties in Syria were to work out their differences through dialogue, despite the decision by the foreign-sponsored armed opposition and the Security Council not to endorse that agreement. "The number one priority is to save lives," Lavrov insisted in his speeches and interview, but that is being undermined by foreign intervention by "our partners" for regime change, and by encouragement to the opposition to "keep fighting to the end."

In the Rose interview, Lavrov effectively provided a lesson in international law, drawing on the conception of the United Nations which the man who inspired its creation, Franklin Delano Roosevelt, had put forward.

"There is one very straightforward example," he said. "There were several terrorist attacks against the Syrian government. Not only against the security headquarters but also against absolutely civilian sites, social infrastructure, health infrastructure." A couple of times the Security Council condemned the attacks, but "as of a few months ago, our colleagues, including the United States, started refusing to condemn terrorist attacks against the Syrian government.... The reason given to us was that, exactly what you said: The regime is absolutely inhuman, and basically anything goes. This is a very scary position to justify terrorist attacks by anything. That was never acceptable to the United States.... I believe this is a very slippery slope...."

Lavrov then drew the conclusion, as have Putin and Medvedev before him: This is a question of the UN Charter and international law. That also includes the right to veto, which, in fact, the United States itself had insisted upon at the founding of the United Nations.

In his speech before the General Assembly, Lavrov also singled out the so-called Responsibility to Protect doctrine as a threat to the entire global order. That is the Tony Blair doctrine of a new "liberal imperialism," which the Obama Administration and its UN representative, Susan Rice, have pursued with a vengeance, starting particularly with the unconstitutional Libyan war.

But Obama et al. Are Moving Ahead

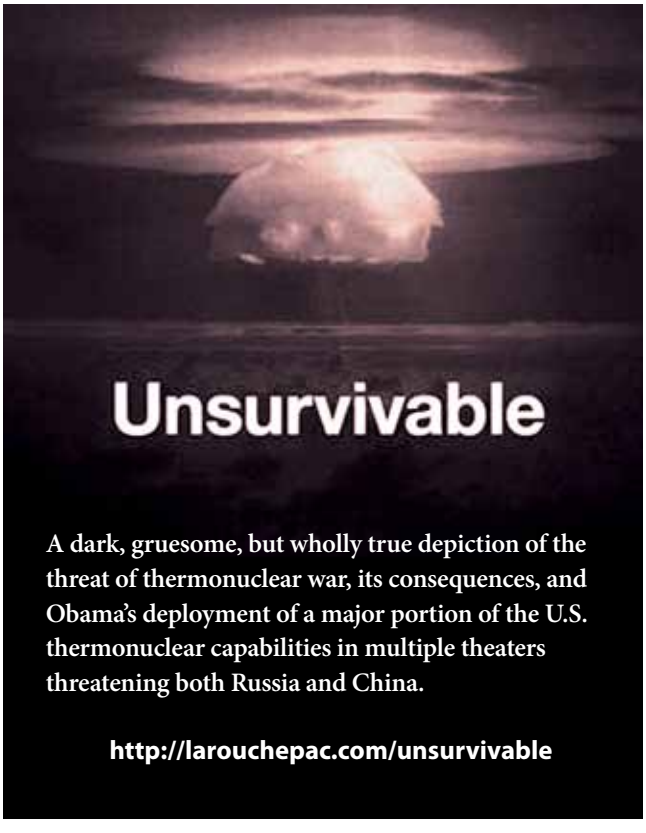
Despite these repeated Russian efforts to de-escalate the crisis spots, the Obama Administration, along with its British and French allies, is pressing toward confrontation in both Syria and Iran.

Secretary of State Hillary Clinton, who continues to mouth the Obama line that Syrian President Assad's removal is the bottom line for all diplomacy, presided over a meeting of the so-called Friends of Syria on Sept. 28, at which she announced that the Obama Administration would be giving an additional $45 million in non-lethal aid to the Syrian opposition, including $15

million towards the training of an alternative "government in the wings" that does not yet exist.

The meeting was a pathetic gathering of 20 nations, dominated by the shared assessment that the internal conflict will not be settled soon. Indeed, the Assad government has now successfully repulsed two major assaults by the armed opposition on the key city of Aleppo, and there is no end in sight to hostilities. The usual suspects—Turkey, Saudi Arabia, and Qatar, with strong backing from Britain, France, and Germany—all pressed again for the United States to establish a no-fly zone—something the U.S. military leadership has forcefully intervened to veto.

The whole thrust of the meeting, however, was shifted, when Iraqi Foreign Minister Hoshyar Zebari presented a two-phase peace plan for Syria. The first phase simply involved implementing the very agreement that was signed at the Geneva meeting, hosted by Kofi Annan on June 30. The second phase involved convening a conference in a neutral country outside the Middle East, with the participation of the Assad government and all of the "legitimate" opposition groups, to hammer out a transition. Zebari insisted that there be no preconditions, such as the removal of Assad from power. Following the meeting, Zebari met with Lavrov, who indicated to him that Russia would support his proposal.



On Iran, the Obama Administration signalled its warmongering intentions by the outrageous action of de-listing the MEK (Mujaheddin e-Khalq) from the U.S. terrorist list. Obama's taking the group off the list of terrorists is an open endorsement of terrorism, wrote Richard Silverstein, a U.S.-based journalist with close ties to Israeli political, military, and intelligence officials who oppose war against Iran. Silverstein is right.

In a Sept. 24 column in Britain's *Guardian*, Silverstein blasted Obama for his impending decision to take the MEK, a group that has assassinated U.S. diplomats and military officers, off the Treasury Department's terrorism list. According to Silverstein's Israeli sources, including a "former senior minister and IDF officer," the Israeli Mossad has used the MEK to plant phony information about Iran's nuclear program, and been involved in the assassination of "four nuclear scientists [in Iran] and caused the explosion that obliterated an Iranian Revolutionary Guard missile base."

Obama's giving the MEK a "seal of approval" shows that he has no commitment to using diplomacy with Iran, Silverstein argued.

U.S. War-Avoidance Moves

The Russian reiteration of the danger of general war and even thermonuclear war was echoed in the United States as well last week. On Sept. 28, *Foreign Policy* magazine published an article by historian Mark Perry, drawing heavily on interviews with U.S. military and intelligence figures, to expose Israeli plans to conduct an Entebbe-style commando raid on the nuclear enrichment facility at Fordow, Iran (see accompanying article).

A number of other recent commentaries have emphasized that, according to U.S. and Israeli intelligence, Iran has not yet decided to go ahead with building a bomb, but a bombing raid on the country would definitely impel it to do so.

Yet, as adamant as U.S. Chairman of the Joint Chiefs of Staff Gen. Martin Dempsey and his colleagues may be about preventing a war that will bring the U.S. nose-to-nose with the Russians, the existence of a Commander-in-Chief who is committed to the British imperial approach and objective represents a clear and present danger that such a war could be launched. Obama's removal from power is thus the central strategic issue of the immediate weeks ahead.

Resistance to Israeli Attack on Iran

by Jeffrey Steinberg

Oct. 2—On Sept. 28, *Foreign Policy* magazine published a lengthy article by historian Mark Perry, exposing Israeli plans to conduct an Entebbe-style commando raid on the nuclear enrichment facility at Fordow, Iran. Perry received detailed intelligence on studies just completed by the U.S. Central Command on how Israel might conduct an attack on Iran's nuclear program in preparation for his article, "The Entebbe Option: How the U.S. Military Thinks Israel May Attack Iran."

Gen. Martin Dempsey, Chairman of the U.S. Joint Chiefs of Staff, has repeatedly warned Israel against launching a unilateral attack on Iran, arguing that an attack would only do minimal damage, and would impel Iran to go forward with a nuclear weapons effort, which they are not now pursuing. Dempsey is also concerned that an Israeli attack would trigger asymmetric retaliation against vulnerable U.S. military forces in the Persian Gulf and Afghanistan, and could easily escalate into a general war, pitting the United States against Russia and China.

The Perry article was complemented, the same day, by an article by William Broad in the *New York Times*, headlined "How To Help Iran Build a Bomb." He quoted former CIA Director Gen. Michael Hayden (ret.), warning that an Israeli attack would drive Iran to seek a nuclear bomb. Broad reported that a growing number of U.S. and Israeli national security specialists have concluded that an attack, doing limited damage, would drive Iran to launch a "Manhattan Project" to build a nuclear bomb. Right now, the latest U.S. National Intelligence Estimate—which is supported by Israeli intelligence—maintains that Iran's leadership has not yet made the decision to go for a nuclear weapon, and that all work on weaponization was terminated in 2003, following the U.S. and British invasion of Iraq and overthrow of Saddam Hussein.

Broad also quoted Mark Fitzpatrick, a nonproliferation expert at the London-based International Institute for Strategic Studies (IISS), who declared that he was "almost certain" that a military attack would result in "a Manhattan-style rush to produce nuclear weapons as fast as possible."

A group of American national security veterans, including Adm. William Fallon (ret.), Gen. Anthony Zinni (ret.), former Sen. Chuck Hagel, former Rep. Lee Hamilton, and former Ambassador Thomas Pickering also weighed in against any military action against Iran, without a full public debate on all the pros and cons of such military action. They warned, in a signed article in the Sept. 29 *Washington Post*, that two consequences of a U.S. attack on Iran would be a broader regional war and a blowout of the world economy.

All of these recent war-avoidance interventions reflect a growing concern, among a large and growing segment of sane national security experts, that Israeli Prime Minister Benjamin Netanyahu is capable of ordering an attack on Iran at any moment, and that President Obama has so far failed to deliver the kind of unambiguous warning to Israel that could greatly reduce the risk of an Israeli "breakaway ally" attack, triggering world war.

Perry's Warnings

The Perry article in *Foreign Policy* has created a firestorm internationally. For one thing, according to Perry's sources at the U.S. Central Command, the Pentagon is adamant that the United States should not be dragged into war with Iran on the basis of an Israeli preemptive attack. For the past two years, according to the Centcom sources, the U.S. military has been conducting war games to determine exactly how Israel might launch a preventive strike, what chances it would have of halting Iran's nuclear program, and how the U.S. can avoid being dragged into the fiasco.

According to Perry, U.S. war planners have determined that the Israelis have three basic options. The first is a bombing campaign, involving their limited number of long-range bombers, armed with a small number of bunker-buster bombs, and backed up by land-based and submarine-based missiles. By all U.S. estimates, this would be a "one-shot" operation, given the limits on the size and strength of the Israeli arsenal; and the damage to Iran's program would be limited.

The second option—what Perry calls "the Entebbe option," referring to the 1976 Israeli commando raid to free passengers from a hijacked Israeli plane in Uganda—would involve Israeli special forces flying



UN Photo/J. Carrier

Israeli Prime Minister Benjamin Netanyahu's "red line" stunt at the UN General Assembly on Sept. 27 led one Israeli journalist to suggest that he is heading for a mental breakdown.

into the Fordow site, where Iran has a hardened enrichment facility, carrying out a lightning assault on the compound, and stealing as much enriched uranium as possible before blowing up the facility and escaping.

While some military planners, such as retired Air Force Col. Sam Gardiner, told Perry that they believe Israel could pull off such a strike, Adm. Bobby Ray Inman (ret.), former head of the National Security Agency and Deputy Director of the CIA, said that the mere fact that Israel is contemplating such a high-risk venture is proof that Israeli strategists know that the bombing option would not succeed.

The third option, said Centcom planners, is "regime decapitation."

Perry wrote: "A third operation is less exotic, but perhaps most dangerous of all: regime decapitation. 'The Israelis could just take out the Iranian leadership,' the senior Pentagon war planner said. 'But they would only do that as a part of an air strike or a commando raid.' The downside of a decapitation strike is that it would not end Iran's nuclear program; the upside is that it would almost certainly trigger an Iranian response targeting U.S. military assets in the region, as it would leave the Iranian Revolutionary Guard forces in charge of the country. It would be the one sure way, U.S. officers with whom I spoke believe, for Israel to get the United States involved in its anti-Iran offensive, with the U.S. mounting operations in a conflict it didn't start."

According to Perry's sources, U.S. military planners are adamantly opposed to the U.S. being dragged into a war with Iran triggered by Israel. They worry that Iranian factions may also be itching for a fight, and could, as General Dempsey has warned repeatedly, launch retaliatory strikes against U.S. forces, even if the initial attack came solely from Israel. Under such circumstances, the United States would be obliged to enter the conflict, and hit Iran with full force.

This, for many U.S. strategists interviewed by both Perry and *EIR*, is the nightmare that Netanyahu may be counting on.

Furthermore, while Perry's Pentagon sources insist that there is "no daylight" between the U.S. military and President Obama when it comes to opposition to an Israeli preventive strike on Iran, other sources close to the Obama Administration are far less confident in the President's resolve—particularly if an Israeli strike were to come before the Nov. 6 U.S. Presidential elections. Will Obama run the risk of being accused of abandoning Israel and siding with the ayatollahs? That is doubtful. Netanyahu and Israeli Defense Minister Ehud Barak know that they have the greatest leverage over Obama *before* the elections. One senior U.S. intelligence source says that "there is a 40% chance of an Israeli attack on Iran" in the coming weeks.

Has Netanyahu Gone Insane?

In his Sept. 28 speech before the UN General Assembly, Netanyahu displayed a primitive cartoon of a bomb, showing that Iran had already crossed Israel's "red line" for an attack. One prominent Israeli journalist responded to the stunt by reminding his readers that former Prime Minister Menachem Begin had gone through a mental breakdown, following the death of his wife, and had to be removed from office for the sake of the safety of Israel. Netanyahu, he warned, is no longer mentally fit to be prime minister, with hands on the trigger, and his Cabinet should say so.

That may be absolutely true. But, for the time being, it is Netanyahu and Barak who have their fingers on the Israeli trigger. And that trigger could be the detonator for world war.

'Benghazi-gate': Bring Down Obama Before It's Too Late

by Nancy Spannaus

Oct. 1—U.S. Senators, especially on the Republican side of the aisle, have wasted no time in taking the Obama Administration to task for its obvious malfeasance leading to the death of U.S. Ambassador to Libya Christopher Stevens, and three other American personnel. But, under pressure from the President, Senate Foreign Relations Committee Chairman John Kerry (D-Mass.), and perhaps other nefarious forces as well, the Senators have, at present, agreed to wait until *after the November election* to get answers from the Obama Administration on its catastrophic failures to protect diplomatic personnel.

A letter sent to Thomas Nides, Deputy Secretary of State for Management and Resources, on Sept. 27, and signed by all 19 members of the Senate Foreign Relations Committee, requests answers to a long series of questions about attacks on U.S. embassies, and the Obama Administration's decisions on security, *during the week of Nov. 13*! Such a delay is a potentially fatal error.

For every day that the murderous President Barack Obama remains in office, represents a threat to both world peace and the security of the United States. Obama has shown no remorse whatsoever for his offenses against the U.S. Constitution in such weighty matters as the unconstitutional war against Libya, the extrajudicial killing of American citizens, and a wide swath of police-state measures; and he is counting on the American population swallowing these crimes, and giving him re-election. Yet Obama's embrace of such imperial powers, means he could act at any time his sponsors in the British monarchy wish, to launch new crimes, including the threat to launch wars of regime-change against Syria and/or Iran. Such aggression would lead directly to confrontation with Russia and China, and thus to a potential World War III.

In this context, the Obama Administration's atrocity in Libya represents the best handle for mobilizing the political momentum to remove the President. Here, it is obvious that the Administation has subordinated the interests of the American population, even its own personnel, to its pursuit of a British imperial geopolitical strategy. The President and his close associates have lied, covered up, and allied our nation with the worst British-Saudi terrorists, with a hideous result. If people can't face the truth about him around the murder of Ambassador Stevens, when will they do so? If they can't impeach a President for such behavior, when would they do so?

Coverup: The Watergate Smell

In a Sept. 28 interview on Fox News,[1] former Arkansas governor Mike Huckabee said: "Let's just get blunt, no way to sugarcoat this: We've been lied to. We've flat-out been lied to. They know they lied. It's as if airplanes crashing into the World Trade Center, and somebody says, 'Those were just accidents; the planes veered off-course.' Everybody with two eyes and an IQ

1. See http://www.youtube.com/ watch?v=9MT1eVJOYbk&feature=player_embedded



voanews

The U.S. Benghazi consulate in flames: Will Congress finally move on the Administration's lies and coverup on the atrocity?

above plant life understands that what happened in Egypt and what happened in Libya, was not some spontaneous reaction to a stupid 13-minute video on YouTube. It was a planned, coordinated, orchestrated attack, led by terrorists. Terrorists!

"And this White House has to explain why it hasn't owned up to that, why it can't say it! And I think, frankly, if this issue really gets the traction that it deserves, and let me say, that it deserves—let's go back: Richard Nixon was forced out of office because he lied, and because he covered some stuff up. I'm going to be blunt and tell you this: Nobody died in Watergate. We have some people who are dead because of this, and there's some questions to be answered, and Americans ought to *demand* to get answers."

Governor Huckabee's searing, and totally appropriate, indictment is only the strongest among other cries of "coverup," which, of course, is the standard formula for removing politicians from office since the Watergate era.

On Sept. 27, Sen. Bob Corker (R-Tenn.) said, "This is turning into something not short of Benghazi-gate." Speaking on Fox News, Corker said, "This has now turned into a very bipartisan concern. There has to be something that they're trying to hide or cover up. This is just not the norm. This is way out of the norm, what is happening in this case."

"The Libya Debacle: The More We Learn, the More Benghazi Looks Like a Gross Security Failure," was the Sept. 27 editorial in the *Wall Street Journal.* The piece reviewed the shifting White House stories, the failure to provide proper security to the Benghazi consulate, and other facts, then concluded: "Four Americans lost their lives in Benghazi in a terrorist attack that evidence suggests should have been anticipated and might have been stopped. Rather than accept responsibility, the Administration has tried to stonewall and blame others. Congress should call hearings to hold someone accountable for this debacle."

On the same day, Rudy Giuliani, former New York City mayor, said on Fox News that the Obama Administration has engaged in a "coverup" of the nature of the Benghazi terrorist attack, intended to protect Obama's policies in the Middle East. He used the phrase "coverup" a half-dozen times.

A Searing Indictment

The most comprehensive indictment of the Obama Administration's behavior, and coverup, in the Benghazi affair—outside the LaRouche movement and its publications—came from *Washington Times* columnist Jeffrey Kuhner, in an article published Sept. 27. Kuhner's column was entitled "Obama Made Libya Safe for Terrorists, Imperial President Deserves Ouster," and it was right on the mark. We provide excerpts:

"President Obama has betrayed the American people. His administration is dissembling and engaging in a systematic coverup. The reason: Mr. Obama does not want the public to know he bears heavy responsibility for the recent terrorist attack against the U.S. Consulate in Libya. He has American blood on his hands—blood he cannot wash away.

"Islamic radicals recently besieged our diplomatic mission in Benghazi. The U.S. ambassador was killed, along with three other Americans. The compound was

leveled. Our flag was taken down and desecrated. The jihadists raised the black flag of al Qaeda. The assault took place on the anniversary of the Sept. 11, 2001, attacks. Al Qaeda in North Africa immediately announced responsibility for the carnage. Libya's government said the raid had been planned and coordinated for months. Even a 9-year-old could grasp that this was a premeditated terrorist atrocity.

"Not so the Obama administration. The White House immediately insisted that the attack was a response to an anti-Muslim video produced in the United States that supposedly incited religious passions. The video, however, has been circulating on YouTube since early July. It is badly dubbed and obviously the work of amateurs. If it was so inflammatory, why didn't riots erupt in the summer? This is because it had nothing to do with the raid. It was a cheap—and cynical—pretense to commit murder and mayhem. Even Libya's leaders have publicly said that the video did not inspire the attack—Islamist hatred did. . . .

"[T]he White House is desperately deflecting culpability. Mr. Obama has not engaged just in irresponsible conduct. The lax security, the dead Americans, the lies and the coverup—they reveal an amoral, self-absorbed celebrity-in-chief who puts power and his crass re-election above human decency. Yet it is even more ominous: Mr. Obama has directly empowered the very Islamists responsible for the terrorist assault.

"The dirty little secret is that the president waged an illegal and unconstitutional war in Libya. He ordered U.S. military strikes that toppled dictator Moammar Gadhafi without the authorization of Congress. Mr. Obama behaved like an imperial president, ignoring the American people and deliberately circumventing Congress. His actions were simply lawless.

"Moreover, the intervention has transformed Libya into a jihadist haven. . . .

"The Libya affair will go down in history as one of the worst abuses of presidential power and abrogation of proper authority. Under Mr. Obama, four Americans are dead. This is why he needs to be defeated in November. He has committed high crimes and misdemeanors. The sooner he leaves office, the better."

Kuhner does not have the complete story. A full understanding of what the Obama Administration is up to, requires facing the fact that the President is acting not only as an insane power-hungry narcissist, but according to a British imperial attempt to save a dying financial empire by smashing Russia and China, and imposing a one-world regime over a depopulated world. It means facing the fact that Obama's remaining free to pursue his course, leads us straight to the hell of thermonuclear war, and also understanding the American System alternative that is required to reverse today's collapse into a New Dark Age.

But an immediate impeachment proceeding, such as he calls for, would be an excellent step toward saving the nation.

And in Congress?

While by "normal" standards, one could say that Congress has acting expeditiously on the Benghazi atrocity, it has allowed itself to be foiled on getting fast answers.

The first to demand immediate explanations was Sen. Susan Collins (R-Me.), two days after the events. At the same time, Sens. Corker and James DeMint (R-S.C.) submitted legislation demanding answers with a month—well before the election. But Senator Kerry deep-sixed the legislation (S. 3551) before it could move ahead, and Secretary of State Hillary Clinton appointed an inhouse panel instead, which is not expected to come up with answers until well into 2013.

One of the major targets of the letters Congress is shooting off, is Obama's British-trained United Nations Ambassador, Susan Rice, one of the leading advocates of the Libya invasion and of future "right to protect" wars. House Foreign Affairs Committee Chairman Buck McKeon (R-Calif.) and four Republican Senators—John McCain (Ariz.), Kelly Ayotte (N.H.), Lindsey Graham (S.C.), and Ron Johnson (Wisc.)—sent a letter to Rice Sept. 26, demanding clarification of her lies about how the attacks on the consulate were the result of a protest about the film, not acts of terrorism.

On Sept. 28, House Homeland Security Committee chairman Peter King (R-N.Y.) called for Rice to resign, for her blatant attempt to coverup the 9/11/2012 assassinations. Within seconds of King's call, made on CNN-TV, the White House put out a statement supporting Rice.

Both Rice's lies and Secretary of State Clinton's uninformative briefing to the Congress last week, led McKeon and seven other Republican committee chairmen to send a letter to President Obama on Sept. 26, demanding answers, and indicating their willingness "to return to Washington to be briefed as soon as the answers to these questions are ready."

Indeed, Congress could return to Washington, upon decision of the House and Senate leaderships, at any

time, to deal with this national emergency. Congressmen and Senators could even raise the necessary questions at the pro-forma sessions which occur every three days, during this adjournment. But, so far, no one has shown the guts to take extraordinary action.

Are there enough American patriots to force them to do so?

Grounds for Impeachment

The Undeniable Facts Showing the Coverup

by Nancy Spannaus

Oct. 1—In a statement issued Sept. 26, and circulated broadly in Washington, D.C., on Sept. 27, the LaRouche Political Action Committee charged that President Barack Obama is guilty of covering up the assassination of U.S. Ambassador Christopher Stevens and three other U.S. personnel on Sept. 11 in Benghazi, Libya. For this, LaRouchePAC stated, the President should be brought before the U.S. House of Representatives for impeachment.

The President's complicity in the atrocity in Benghazi, as *EIR* has reported, extends much more broadly, ranging from his coverup of the British-Saudi terrorist networks who carried out the original 9/11, to his unlawful war against Libya and murder of President Muammar Qaddafi, which action was widely known, at the time, to lead to the unleashing of al-Qaeda-linked terrorist groups, whom official U.S. agencies, including the State Department (according to 2008 cables released by Wikileaks) and the Combating Terrorism Center at the U.S. Military Academy at West Point, have judged to be active in the Benghazi area. Indeed, the Obama Administration is currently supporting the activities of many members of those groups in its efforts to topple Syrian President Bashar al-Assad.

For the immmediate security of the nation, however, the following undeniable facts of the refusal to provide security, and the coverup, including continuous lying, are sufficient to lead any honest patriot to the conclusion that Obama must be removed from office now.

Spring 2012: The State Department contracts with the British SAS-linked Blue Mountain Group, to handle security at the Benghazi diplomatic compound. Blue Mountain hires Libyan nationals who are unarmed.

April-June 2012: The frequency of attacks by jihadi groups in the eastern Libya area around Benghazi increases, leading the International Committee of the Red Cross to suspend operations in the east after an attack on its Misurata complex June 12. Convoys transporting the UN country chief and the British ambassador were attacked in April and June, leading to the British government shutting down its consulate soon after.

Specifically, according to a letter sent Oct. 2 from the House Oversight and Government Affairs Committee to Hillary Clinton, the following specific incidents occurred:

April 6: A small IED was thrown over the consulate fence by two Libyans who had been fired from a security contractor.

April 11: A gun battle between an unidentified armed group and forces loyal to the government oc-



Former U.S. Ambassador to Libya Christopher Stevens, shown here in a promotional video, had expressed fears for his safety in Benghazi.

curred about 4 kilometers from the Benghazi consulate.

April 27: Two South African contractors were kidnapped by armed men while walking through a residential area of Benghazi. They were released unharmed.

May 1: The deputy commander of the Tripoli Embassy's Local Guard Force was carjacked, beaten, and detained by a group of armed youth. He escaped. Libyan security forces fought a gun battle with the assailants in order to recover the vehicles and release other detainees.

According to the *New York Times* of Oct. 1, four U.S. Special Forces soldiers were sent to Benghazi to augment security and conduct a security assessment.

June 6: A small roadside bomb is detonated outside the walls of the U.S. outpost in Benghazi. No one is injured, and no evacuation is ordered.

Aug. 6: Armed assailants attempt to carjack a vehicle bearing U.S. diplomatic plates.

August-September: Blue Mountain Group Libyan guards are warned by their families to quit their jobs at the consulate because of rumors of an impending attack.

Aug. 27: The State Department's Bureau of Consular Affairs warns U.S. citizens "against all but essential travel to Libya. The incidence of violent crime, especially carjacking and robbery, has become a serious problem. In addition, political violence in the form of assassinations and vehicle bombs has increased in both Benghazi and Tripoli."

Sept. 8: According to the *New York Times* of Oct. 1, a U.S. official in Benghazi met with security leaders to ask for a threat assessment. A senior Libyan official told the *Times* that "if there's going to be any foreign presence [in the city], it better be discreet." Jamal Mabrouk, a member of the February 17th Brigade, an anti-Qaddafi group that was allied with the U.S. during the war, and was part of the Benghazi U.S. compound's security detail, said he and a battalion commander had met with U.S. officials and told them the situation was "frightening, it scares us."

Sept. 9: The State Department receives credible information that American missions might be targeted in Libya, according to senior U.S. diplomatic sources. However, no warnings are given for diplomats to go on high alert and "lockdown," under which movement is severely restricted (London *Independent*, Sept. 14).

A senior Pentagon source confirms to *EIR* that the White House and the CIA received a detailed warning of a pending attack from both the Defense Intelligence Agency and the National Security Agency. The reports were detailed enough to identify the Ansar al-Sharia group as being directly involved in the planned attacks. The source notes that the DIA had recently boosted its human intelligence unit and had operatives on the ground around the world, and that the NSA was monitoring relevant global communications traffic.

Sept. 10: Ayman al-Zawahiri, the Egyptian emir of al-Qaeda, releases his annual message on the eve of 9/11/2001, calling for attacks on Americans, especially in Libya, in retribution for the drone murder of senior Libyan al-Qaeda operative Abu Yahya al-Libi on June 4, 2012.

August-early September: According to a handwritten journal belonging to Ambassador Stevens, found on the floor of the Benghazi compound by CNN, Stevens was worried about "the never-ending security threats" that he was facing in Benghazi, and specifically "the rise in Islamic extremism" and "growing al-Qaeda presence in Libya," and "being on an al-Qaeda hit list." CNN reporters were deployed to corroborate the reports in the diary, which was given to his family.

Sept. 11: Ambassador Stevens and three other U.S. personnel at the Benghazi compound are murdered in the course of an armed assault. Details of exactly what happened are still unclear.

What is known is that there were no Marines stationed outside or inside the consulate. The security, according to many sources, consisted of three guards from the Libyan 17th of February Brigade, and five unarmed Libyans employed by the British Blue Mountain Group. The *Daily Beast*'s Eli Lake, Sept. 21, reported on a U.S. intelligence intercept of a communication between a pro-al-Qaeda politician and the 17th of February Brigade, in which "the Libyan politician apparently asks an officer in the brigade to have his men stand down for a pending attack—another piece of evidence implying the violence was planned in advance."

The attackers, according to some eyewitnesses, numbered as many as 125, and used rocket-propelled grenades and other heavy weapons. There are numerous reports of complicity between the attackers and the security detail, and the suspicious fact that the attackers knew the location of the safehouse to which those who survived the initial assault retreated, as well as the precise location of the Ambassador.

Sept. 12: *EIR* received a briefing from a high-level Washington source who reported, from a Libyan source, that the attack on the compound had nothing to do with a demonstration against the movie, and that Benghazi was known to be a hot-bed of jihadi activity, including

the fact that there are two members of Ansar al-Sharia, the group suspected in the attack, on the Public Safety Committee which oversees the city.

Sept. 14: Sen. Susan Collins (R-Me.), Ranking Member of the Senate Homeland Security and Government Affairs Committee, posts a blistering statement on her website:

"During the past two days, I have participated in classified briefings by the National Counterterrorism Center and the Department of Defense on the attacks on our consulate in Benghazi during which four Americans, including Ambassador J. Christopher Stevens, were killed.

"The lack of security provided to the Ambassador and other American personnel in Benghazi is deeply troubling and inexplicable given the dangerous threat environment in that city. Earlier attempts in June to reportedly attack the British ambassador and to plant a bomb outside of our consulate clearly demonstrated how dangerous and unsettled Benghazi is. Surely, the State Department should not have relied on Libyan nationals to guard the consulate. Rather, armed U.S. Marines should have been assigned to provide security.

10 Years Later

An LPAC-TV Feature Film



Eight months before the September 11, 2001 attacks, Lyndon LaRouche forecast that the United States was at high risk for a Reichstag Fire event, an event that would allow those in power to manage, through dictatorial means, an economic and social crisis that they were otherwise incompetent to handle. We are presently living in the wake of that history.

http://larouchepac.com/10yearslater

"The kind of weapons used by the attackers also strongly suggests to me that this attack was planned and not the result of a spontaneous protest. . . ."

Sept. 15-16: Libyan President Mohamed Magarief tells al-Jazeera and the CBS TV show "Face the Nation" that "the way these perpetrators acted and moved, and their choosing the specific date for this so-called demonstration, leaves us with no doubt that this was preplanned, determined. . . . It was planned, definitely. It was planned by foreigners, by people who entered the country a few months ago. And they were planning this criminal act since their arrival."

Sept. 15: On the same day the Libyan President is insisting that the attack on the consulate was preplanned, UN Ambassador Susan Rice is sent onto several Sunday TV talk shows to proclaim that the attack in Benghazi was the result of a demonstration against the anti-Islam film "Innocence of Muslims." This line continues to be spouted by Administration spokesmen until testimony by Homeland Security's director of the National Counterterrorism Center, Matthew Olsen, on Sept. 19.

Sept. 17: A Libyan security guard, hired by Blue Mountain Group, is reported in the London *Daily Telegraph* to have said that there were *no* demonstrators at the time of the attack. Several other eyewitnesses subsequently declared that there *never was* a protest demonstration outside the Benghazi compound.

Sept. 19: CNN's Anderson Cooper reports that "a source familiar with Ambassador Christopher Stevens' thinking said that in the months before his death, he talked about being worried about the above threats to his life." He follows this up the next night with the fuller story of Ambassador Stevens' security concerns.

Sept. 26: Sens. Bob Corker (R-Tenn.) and Johnny Isakson (R-Ga.) demand that the State Department release relevant correspondence from Ambassador Stevens on the security situation, in the run-up to the deadly events of Sept. 11.

Sept. 28: Director of National Intelligence James Clapper issues a statement taking responsibility for the initial misassessment that the attack that killed Ambassador Stevens was the outcome of a demonstration gone amok, and claims that "subsequent evaluation" has confirmed it to be a terrorist attack.

Sept. 30: In a statement posted on his website, Senator Corker says that the State Department continues "deafening silence" in response to his requests, and those of other Senators, for information on what led to the terrorist attack on the Benghazi consulate.

Obama Delivers Genocide

'Haitians Want A Real Nation'

by Cynthia R. Rush

Sept. 27—On Feb. 23, 2010, a little over a month after the devastating Jan. 12 earthquake that killed 300,000 Haitians, Lyndon LaRouche warned that Haiti "is the image of what awaits all of humanity under the current, British-imperial international financial system: It is the face of the New Dark Age. We must stop it in Haiti, if we are to have the moral fitness to survive on this planet."

LaRouche, along with several other experts, had just proposed to President Barack Obama that he order an emergency mobilization of the Army Corps of Engineers to help relocate up to a million homeless earthquake victims living amidst the rubble of Port-au-Prince to higher ground, before the rainy season hit, bringing with it an almost certain outbreak of infectious diseases to a traumatized and vulnerable population.

"To prevent another wave of mass deaths and total national disintegration, a bilateral treaty agreement between the United States and Haiti should be promptly reached," LaRouche recommended, lasting for as long as 25 years, and premised on total respect for the nation's sovereignty. This partnership, LaRouche said, could set Haiti on the path to real reconstruction and economic development.

The Nero in the White House criminally rejected the proposals by LaRouche and other experts in disaster relief. Bypassing the Haitian government altogether—which has been denied funds, and deliberately excluded from reconstruction decision-making—Obama authorized funds to be channeled to an army of competing non-governmental organizations (NGOs), USAID, and other agencies committed to the British imperial outlook of enforced backwardness and population reduction.

Thus, in many respects, the country is worse off today than it was *before* the 2010 earthquake. "Rebuilding better," the slogan of the official international Haiti reconstruction effort, is a shameful fraud.

Immediately after the October 2010 cholera outbreak, LaRouche recalled he had warned that Obama's policy would lead "precisely towards this sort of outbreak and it has now done that.... This means that the policy of genocide implicit in Obama's policy is now coming to bear. And probably, among the next targets of this genocide is going to be the people of the United States themselves, unless Obama is removed before that."

Prophetic words; and Obama is still in the Oval Office.

Provide Hope Amidst Despair

Jean-Philippe Lebleu of the LaRouche-affiliated Comité pour la République du Canada in Montreal, reported on "The LaRouche Show" Sept. 15, that he and other French-speaking colleagues went into action almost immediately after the 2010 earthquake, distributing LaRouche's programmatic proposals through Haitian radio programs in Montreal, Houston, and Washington, D.C., eventually contacting the Haitian Regional Coalition of Youth in the North and North West Departments in August 2010, and speaking on the radio show hosted by its leader Charles Lukson.

The point of LaRouche's intervention, Lebleu said, was to emphasize that Haiti could be a "factor of change," and not just "a place that needs help." This programmatic focus, Lebleu underscored, "gives a sense of a future to Haitians, who are otherwise plagued with uncertainties, caused by disease and natural catastrophes."

One of the high points of this intervention came in November 2010, just a month after the cholera outbreak, when 2,500 people gathered in the city of Cap Haitien to hear Lebleu read the statement by Helga Zepp-LaRouche entitled "Operation Frederick Douglass," named after the U.S.'s first consul to Haiti, the former slave, abolitionist leader, and Abraham Lincoln ally.

In that statement, Zepp-LaRouche demanded that "the reconstruction of Haiti has to build up infrastructure, cities, industries, and agriculture. And this has to occur in the context of building the NAWAPA (North American Water and Power Alliance) and PLHINO (Mexico's North West Hydraulic Project) water-management projects. It has to be in the context of building the World Land-Bridge as the reconstruction after the collapse of the present system.

"And we have to think in terms of 25 years of development, of one generation of development for Haiti. And we have to have a solemn commitment to do that.



UN/MINUSTAH/Victoria Hazou

In Port-au-Prince, where 400,000 homeless people still live in hundreds of squalid "displaced persons" camps, Tropical Storm Isaac destroyed the flimsy tarpaulin and bed-sheet "homes" of camp residents. Shown: The devastation caused by Isaac at Camp Laiterie de Damien in Port-au-Prince.

We should call it Operation Frederick Douglass, because there is no better name to give Haiti a better future."

'Development as It Should Be Done?'

That sense of hope for the future is desperately needed. To date, against the backdrop of the still-rampaging cholera epidemic—there is an upsurge after every major rainstorm or hurricane—every aspect of Haiti's post-earthquake "reconstruction" has been focused on enforcing slavery and oppression, defining a future whose central features are tourism and sweatshops.

A case in point is the misnamed "Northern Industrial Park" in Caracol along Haiti's northern coast, which is a giant free-trade zone of the same notorious "maquiladora" character as those in Mexico and Central America. Here, thousands are expected to be grateful for the chance to work long hours at slave-labor wages—the South Korean owner Sae-A Trading Co., LTd. complains that $3 a day is too much—to produce garments for multinational retail firms that export to the U.S. or Europe.

These sweatshops are of no benefit to Haiti's economy or its people. They build only enough infrastructure to ensure that the workforce will be able to produce sufficient quantity of goods without dropping dead first. While the UN has been forced to desperately beg international donors for more funding to cover even minimal humanitarian operations, the Caracol project has been generously funded by the Inter-American Development Bank, the U.S. government, and USAID, which calls Caracol "a smart economic investment."

According to Paul Collier, the Oxford University economist drafted by the UN to design Haiti's "rebuilding" strategy, the Caracol project is "development as it should be."

Collier, who is admired by the Nazi-trained British imperialist drug pusher George Soros as "one of the most original minds in the world today," is an outspoken champion of "limited sovereignty." In a program published in 2009, Collier asserted that infrastructure projects or advanced technology are "inappropriate" for nations like Haiti. Rather, he notes, Haiti's greatest asset is its large, uneducated, cheap labor force, and economic backwardness. "Due to its poverty and relatively unregulated labor market, Haiti has labor costs that are fully competitive with China, which is the global benchmark."

Don't waste funds investing in modern equipment for Haitian energy projects, Collier advises. Secondhand equipment for primitive energy production will work just fine.

Relegated to the Trash Heap

Lebleu told The LaRouche Show's Marcia Baker that following the 2010 earthquake, the failure of Nerobama to come to Haiti's aid was cause for tremendous pessimism and demoralization among the population. People didn't understand why the first black President of the United States, someone they thought of as "their" President, turned his back on them.

Two and a half years after the earthquake, Haitians live in terror every time a tropical storm or hurricane rips through Hispaniola, because vital flood-control and water-management infrastructure hasn't been built. Tropical storm Isaac, which hit the island on Aug. 25 this year, killed 24 people in Haiti and five in the Dominican Republic, amidst massive flooding and mudslides that

forced tens of thousands to flee to temporary shelters.

In the capital, Port-au-Prince, where 400,000 homeless people still live in 575 squalid "displaced persons" (IDP) camps, Isaac's fierce winds and rains destroyed the flimsy tarpaulin and bed-sheet "homes" of camp residents. Jean-Michel Vigreaux, country director in Haiti for the CARE NGO, wrote at the time that "water is stagnating around the camps and in some areas latrines are flooded."

In other parts of the country, the storm destroyed tens of thousands of hectares of agricultural crops, and wiped out bridges and roads which were often in precarious condition to begin with. Given the lack of sanitation infrastructure and the inability of the Health Ministry to replace the medical NGOs that have pulled out due to lack of funding—the Health Ministry's own budget is miniscule—cholera upsurges are a given.

Moreover, as Prof. Mark Schuler of City University of New York campus points out, although the population of the IDP camps has dropped from 1.3 million immediately after the earthquake to 400,000 today, this in no way means that people's living conditions have improved.

On the contrary, Schuler wrote in a July 9 article. Those former camp residents have been treated like "piles of garbage, swept aside and neglected," often forcibly evicted from camps in the main plazas and driven into new slums and shanty-towns, which, he said, have become the "new Cité Soleils"—the capital's largest and most dangerous slum. Moved away from public areas that might otherwise attract potential investors, the IDPs have been relegated to areas whose only common denominator is "that they are all hidden on land that is … of no strategic interest to investors or tourism promotors."

Science and Engineering

It is against this backdrop that just a few days after tropical storm Isaac hit, on Aug. 29, Haiti's Defense Minister Jean-Rodolphe Joazile called for the creation of an Army Corps of Engineers for Haiti, as well as an Army that can provide "service to the people even in the remotest corners."

Joazile reported that both Brazil and Ecuador "have agreed to train engineers for us," and added that given Haiti's cholera epidemic and other health challenges, "if the Ministry of Defense has a Corps of Engineers within it, it will be very useful for the people." And, he added, "in parallel with this," Haiti also needs a national health service.

Any discussion of reestablishing the military—the Army was disbanded in 1995-96—provokes rage and hysteria among human rights groups that argue that Haiti must never again have an army, as such institutions are, they allege, inherently prone to human rights abuses and authoritarianism.

But Joazile reflected the reality that an army is inextricably linked a a nation's sovereignty. It is needed today, "but we must not repeat the same mistakes of the past." The army, he said, "must be rebuilt on a new basis … not on the ruins of the former Armed Forces.… This army must…essentially be at the service of *development* and the people."

It is precisely this optimistic outlook that the LaRouche movement has been promoting in Haiti, even under difficult conditions. Lebleu points out it is important to be aware of Haitians' terrible isolation from the rest of the world. "It's hard to get a book or a newspaper. Radios are the only stable way of knowing what is going on, along with some TV channels."

A major achievement was the creation of a regular radio show featuring Lebleu and LaRouche collaborator Charles Lukson, focusing on LaRouche's development perspective, which was broadcast in five of Haiti's ten departments (states) three times a week over a period of several months during 2010-11. Invited guests included Texas Congressional candidate Kesha Rogers of the LaRouche national candidates' slate, among others.

On the radio show and in other forums, Lebleu reports, "We've kept hammering on the three-point proposal for Haiti: "The danger of a British-Obama thermonuclear war confronting the U.S. with Russia and China; the need to reinstate the Glass-Steagall law in the U.S. and internationally, plus the development of the La Peligre region" in Haiti's Artibonite Valley, site of the Franklin Rooselvelt-era infrastructure development project that transformed Haiti's major rice-growing region.

Following the March 2011 earthquake and tsunami that struck Japan, several thousand more Haitians—students, religious groups, NGO activists—gathered to watch the French translation of LPAC-TV's "Rim of Fire" video. Given Haiti's and the Caribbean's vulnerability to earthquake and volcanic events, the video received the widest attention and was shown repeatedly.

As Lebleu commented, people depend on such video showings to find out what's going on in the world. "For most people our interventions are a bit of fresh air, to finally have people thinking from the top."

LaRouche: 'Bill, What You're Doing Is Wrong!'

In an Oct. 1 discussion with the LaRouche National Slate of candidates, Lyndon LaRouche had this to say about Bill Clinton's role in promoting the re-election of Barack Obama:

Anyone who's voting for Obama is voting for their own death certificate. That's a fact! . . . I know a lot of people are voting for him, or are pretending to vote for him, who hate his guts! But they're intimidated into seeming to support him, and Bill Clinton is one of the big suckers in this. His role in this thing is totally inexcusable: There's no rational reason—and it's the same mistake he made, when he, as President, cancelled Glass-Steagall. And then, he, also, was among the first leaders explicitly against me, in an argument with him, on the question of the bailout.

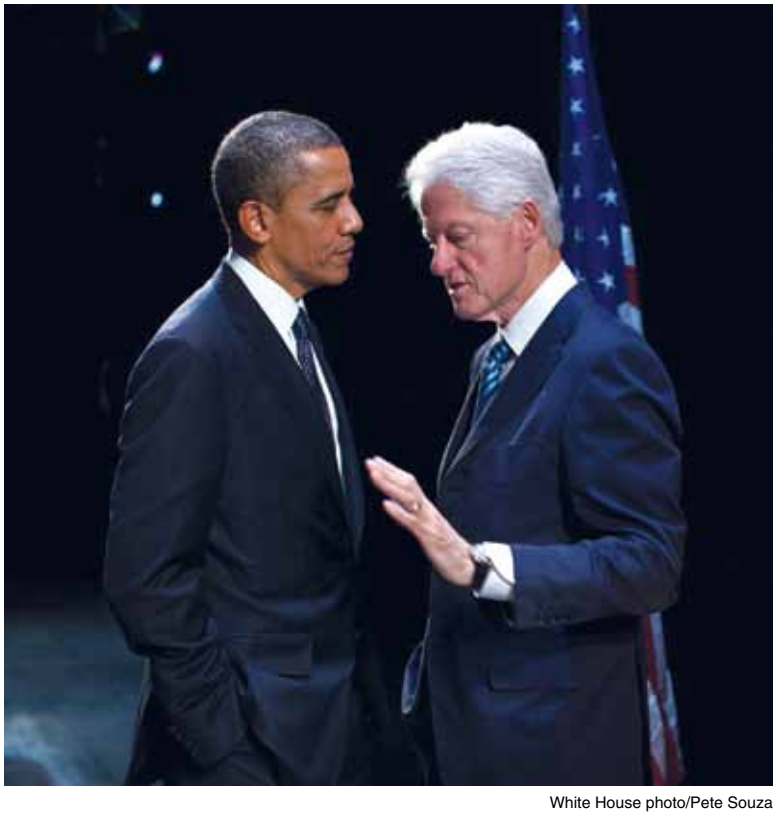
So these issues are there. Obama is a menace. . . . Most of our people behave foolishly, and they believe that their public opinion has to be their official position, and whatever their private views are, they keep hidden. And that's what's happening with many Democrats who are pledged to vote for Obama, on the basis of assurances from former President Clinton. If Clinton were not supporting Obama, Obama couldn't be elected. And therefore Clinton is to blame! He's not exerting a choice, he's committing a fraud, because he knows *what Obama is!* He probably hates him; he certainly despises him.

Betrayal

And for him to support him, and induce people who are honest citizens, who would otherwise vote for Clinton's crowd, he's turned against them, he's betrayed them. This is betrayal! And when you betray, you betray! You can't come in with a big excuse of "why I had to betray. . ." You're obliged to tell the truth. And Bill's not telling the truth. For some reason of his own, or some reason imposed upon him, he's saying something which is a damned lie, and he knows it's a damned lie. And he has a pretty good idea how bad Obama is.

For him to come out and lead in the support for Obama, is really an act of crime against the nation. And he's got to grow up, and face reality! I know his view of practical politics. He's a man who has good ideas, good intentions generally. *But!* He is not a fighter when it comes to this kind of issue, and he never has been. He's shown signs of pretending to be, but he's never been able to do it. He has guts of a certain type, but he's not got the kind of guts you want in a President, or a Presidential candidate, *in a time like this present one.*

And I have to take my responsibility to task. I'm responsible for this thing, in a certain sense, and have been for many decades; despite what was done to me and so forth, I still have that responsibility. And I'm calling him out. I'm saying, "Bill," publicly, "you're wrong. What you're doing is wrong! There is no possible excuse for what you're doing." There may be *personal* excuses for it, but there should be ways of avoiding those things. And of course, we would support him in any issue like that.



White House photo/Pete Souza

Former President Bill Clinton's support for Obama has been the major prop for Obama among the disgruntled Democratic constituency.

Southern Europe Revolts Against Nazi Austerity

by Gretchen Small

Oct. 3—Lawfully, as the hyperinflationary European Stability Mechanism finally became operational, the European money spigots were thrown open wide (joined by Ben Bernanke's Federal Reserve), all semblance of economic and political stability is now crumbling across Europe. Europe's fourth largest economy, Spain, is being sucked into the same death-spiral into which Portugal, Ireland, and Greece were already driven by the British monarchy's euro project.

Bankrupt on every front, its physical economy imploding at Greek-like rates, the old Hapsburg feudal project of regional separatism has exploded, and Spain's very integrity as a nation is now being called into question.

Human beings being human, the outcome of this battle is in no way decided. Wave after wave of demonstrations, some days more, some days less, but in the tens of thousands each, swept Spain, Portugal, and Greece in September. Undetered by police charges and rubber bullets, people are marching under banners like "Screw the Troika, We Want Our Lives Back," demanding the ouster of governments that care more for paying bankers' debts than saving human lives. The protests are building, with more ambitious demonstrations being called for October and November, and when Italians will join in.

This turmoil is not distinguished merely by its size and extent. Greeks and Portuguese are experienced at protesting; but the shattering of decades of political apathy and pessimism which gripped Spain's suffering people is new. So, too, is the developing coordination among the resistance movements emerging across the countries of Southern Europe, around the recognition that they are not up against merely corrupt local politicians, but also against the financier logic that human life is expendable, financial paper is not, and the Nazi-like genocide which results from that logic in a general breakdown crisis.

Organizers from differing sectors of society of Southern Europe are discussing coordinated, cross-border actions to build what is increasingly understood as a single liberation struggle by all Southern Europe against a foreign occupying financial power, whose immediate face is the infamous "Troika" (the European Commission, European Central Bank, and the International Monetary Fund).

People are determined that parties and governments that do not defend the general welfare shall fall. That is all to the good, a potentially explosive factor ignored by an oligarchy blinded by the belief that smallness, corruption, and cowardice always trump the divine spark with which the Creator has endowed human beings.

Epitomizing the best of this potential is the stirring call "For a Europe of Nations-Peoples and of States," issued on Sept. 21 by octogenarian Greek freedom fighter Mikis Theodorakis (see *Documentation*). He identifies that the liberation struggle must aim at taking down the "new totalitarianism" of money, a weapon

"much more severe and more efficient than any form of police or military force."

Free Europe from the Oligarchic System

The great weaknesses in the movement, thus far, remains the failure of organizers to put forward a *positive programmatic alternative* to the Troika's Nazi policies: the economic measures required to secure human life. Recognition that the banking crisis must be resolved by adopting the Glass-Steagall principle of separating commercial and investment banks is growing, but the dead euro remains sacrosanct in most protestors' minds (especially in Spain), who have yet to face up to the fact that their only hope is to think through the required return to national currencies, a fixed exchange rate system, and national banking.



Creative Commons/jazamarripae

A demonstration in Barcelona, Spain, in July against cuts in social spending. The escalating protests have not put forward a positive alternative, and remain confined within the oligarchical system, dominated by monetarism and the "green" ideology.

The protests remain chained to the oligarchic system, by the dominance of monetarism and a "green" ideology which fanatically rejects the reality that physical economy is defined by scientific and technological development, generated by the willful development of human creativity. The delusion remains widespread that Europe's problems can be solved by redistributing the abundance of "wealth" that 'the rich" have grabbed for themselves, through financial transaction taxes and taxing the wealthy. The fanatical greenie idea that Europe can rebuild itself powered by solar power and medieval windmills epitomizes the backward, peasant-like mentality which must be overthrown.

Recruiting a small core leadership around the necessary measures will determine the outcome of this fight. *EIR*'s "Emergency Program for 'An Economic Miracle in Southern Europe, the Mediterranean Region and Northern Africa'" (subtitled "There *Is* Life After the Euro!") elaborates how the development of that region, today dismissed as the burdensome PIIGS (Portugal, Italy, Ireland, Greece, and Spain), can generate the advance in productivity required to save all Europe. That manual for survival is circulating now in Greek, Spanish, Italian, and, most recently, the introductory overview by Helga Zepp-LaRouche in Portuguese, as well as English and German.

'We've Seen This Movie Before'

The hyperinflationary monster has been unleashed by a combination of crazed money-printing with a forced-march takedown of the physical economy not seen since in Europe since the trains and steel industries were ripped out of Weimar Germany in the early 1920s. Official unemployment figures issued by Europe's official statistics agency, Eurostat, on Oct. 1 reported that unemployment grew in the 17 countries chained to the euro by over 2.14 million people in just 12 months (August 2011 to August 2012), with the most stunning figures reported for the southern countries now in revolt.

One quarter of the labor force of both Spain and Greece is officially unemployed, Spain at 25.1%, Greece at 24.4%. Spain has suffered extraordinary unemployment for many years, but the increase in Greece over the last 12 months is stunning, from 17.2% to 24.4%. Portugal comes in third, at 15.9%, a jump from 12.7% in 12 months.

Keeping in mind that official statistics are systematically underestimated, consider the implications of youth unemployment in the three countries: Over half

of Greek and Spanish youth (Greece: 55.4%, Spain, 52.9%), and 35.9% of Portuguese youth, are denied work. Spanish labor unions have called mass demonstrations for Oct. 7 under the slogan, "Youth Without Work, a Society Without a Future."

The scale of economic genocide being imposed in Greece is not lost on its fellow Southern European countries. On Sept. 29, addressing one of the biggest demonstrations in Portugal since the 1974 overthrow of the Salazar dictatorship, the Secretary General of the country's largest trade union federation, the CGTP-IN, Arménio Carlos, reminded protestors that "a year ago the Prime Minister told us the solution to the country's problems was the agreement with the Troika.... But we have already seen this movie in Greece; this is a road without an exit, pushing us toward the precipice!"

No matter, Spain's Rajoy government continues to re-run that movie, in fast-forward. Between two major street demonstrations that week, the government announced its fifth austerity package of the year on Sept. 27, reducing the budget by another EU40 billion euros for 2013. The measures include:

- a 12% average cut in ministerial spending; in the case of the Health Ministry, it will be 15%, which will wreak havoc on national health services;
- a freeze in public sector pay for the third year in a row:
- seizing EU3 billion from the country's pension reserve fund "to cover some Treasury needs," in the words of Deputy Prime Minister Soraya Saenz de Santamaría; and, perhaps most significant of all,
- the creation of a new, "independent" authority to oversee all government finances, including those of the fractious regional governments, a measure "particularly welcomed" by European Economics Commissioner Olli Rehn.

As for Spain's bankrupt 17 autonomous regions, some have gone hat-in-hand to the central government for bailout loans; some are threatening to secede from the nation; and some are doing both. The requests from just five regions for aid from the government's Autonomic Liquidity Fund total EU16 billion out of the EU18 billion in the Fund. Catalonia's regional government has both requested EU5 billion from the Fund, and announced that it will hold a referendum on Nov. 25, calling for a split from the central government and "regional sovereignty"—a move which various civilian and military leaders nationally warn verges on "sedition" and "treason."

No Right to Life

The latest announcement coming out of Portugal illustrates how the cold-blooded financial logic being imposed on Southern Europe is strictly the same as that applied in the concentration camps of Bank of England Gov. Montagu Norman's beneficiary Adolf Hitler. In mid-September, Portugal's National Ethics Council for the Life Sciences (CNECV) gave the green light for the Ministry of Health to ration medications issued by the public health service, in order to cut off those whose lives are deemed "too expensive" to maintain. Asked by the Ministry of Health to issue a formal opinion on the "ethics" of financing decisions for HIV retrovirals, cancer medications, and biological agents for rheumatoid illness, the CNECV was ready with its answer: "The world financial crisis" requires that the Health Ministry "can and should ration" treatment, on the basis of "cost-benefit analysis."

The CNECV stated in its opinions that the Memorandum of Understanding signed with the Troika clearly established the requirement of huge cutbacks in the public health service budget for medications. The Council specified that what is under discussion, is not simply restricting new expenses, but cutting services currently being provided; and that such decisions are not limited to the immediate treatment categories addressed, but are merely a "pilot program" for broader cuts to come.

The murderious implications of the decision were recognized by leading institutions. The spokesman for the Episcopal Conference of the Catholic Church in Portugal, Manuel Morjuao, asked: Do we now have "second- and third-class citizens, who can be gotten rid of?" The head of the Doctors' Association, José Manuel Silva, called the CNECV opinion "inhuman." "Are we going back to the Ceausescu head of state principle that the cheapest patient is the dead one?" he asked. CGTP-IN leader Carlos, addressing the Sept. 29 rally, called it "a true attack on the right to life in a situation in which many citizens no longer have money to buy medicines required for their survival."

Yet Portuguese Prime Minister Pedro Passos Coelho warned on Sept. 27 that any Portuguese who thought "adjustment" would last only a year, or a year and a half, was mistaken, and that what is coming will be worse.

They Are the Pigs; We Are the People

Explosions have just begun. The *Cumbre Social* coalition of Spain's labor and civil society movements

called this week for demonstrations in the capital of every region in Spain on Oct. 7, and announced that they have decided to call a general strike in November. The date is not set yet, because they hope to coordinate their action with the general strike which the Portuguese CGTP (in the midst of organizing a march across the country from Oct. 5-13) is expected to call.

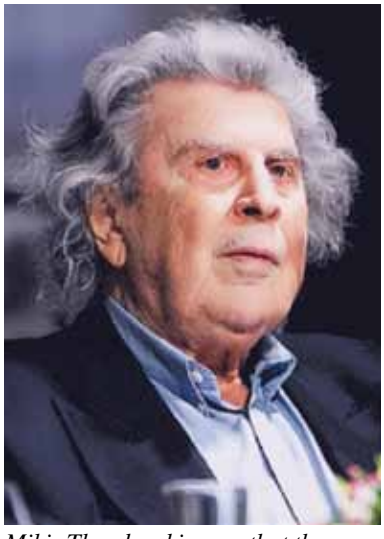
We are accompanied in our fight against rule by the Troika and the financial markets by our Portuguese, Greek, and Italian brothers; "They are the PIGS; we are Southern Europe, and without the South, there is no possible Europe," organizers declared to the tens of thousands in the second major "Surround the Congress" demo in Madrid on Sept. 29. They posted a short "Call from the Countries of Southern Europe" in Greek, Spanish, Portuguese, and Italian on their website (http://coordinadora25s.wordpress.com/), which concludes: "The PIGS are rebelling; Screw the Troika. We don't owe; we won't pay."

Documentation

Theodorakis: Free Europe From Totalitarianism!

Greek freedom fighter and composer Mikis Theodorakis, 84, issued a statement on Sept. 10, calling for a "liberation struggle" to free the nations of Europe from the new bankers' totalitarianism. Extracts follow.

Today the main contrast is between all the peoples of Europe and the forces that represent and aim at the dominance of Global Governance, centered on a series of huge banks such as Rockefeller-Rothschild and Goldman Sachs, with auxiliaries such as Deutsche Bank and the European Cental Bank, with the Bilderberg Club as a "government spokesman" (with Henry Kissinger as President) and its satellites the IMF, the World Trade Organization, and organs such as the Chicago School of Milton Friedman....



Mikis Theodorakis says that the control of Greece by foreign banks and governments means that resistance "must take the form of a liberation struggle."

The aim of this new totalitarianism is globalization, which means the building of a new society of an unknown type on the ruins of nations and peoples' homelands, by creating a new type of citizen, subjugated and obedient to the plans and aspirations of Global Governance, who will be controlled and directed by, and will serve the interests of, the international trust banks.

Today's politicians of the European states are divided into two sections: those who are aware of the new reality and consciously are serving the forces of Global Governance, and those who ignore the new reality and cooperate, even as opposition, within the political process of the first, the conscious servants of the new totalitarianism. So the current political powers of all parties, right, centrist, leftist, green, etc., are all within the same political power train, running on the rails that the Global Governance controls and which lead to the death of Nations-Peoples....

The current Parliaments, which are currently under the control of the IMF and European banks, have changed into organs of the new totalitarianism, so there is no possibility of resistance through these power systems....

The experience in my country, from the presence of the Troika during the last two and a half years, leads us to conclude that the control of the economy by foreign governments poses conditions of substantial foreign occupation. For this reason, the resistance of the people must take the form of a *liberation struggle*. Our weapon is the active resistance of a truly united nation....

When a nation does not mobilize all its powers, without exception, against the looting forces of globalization, it is lost.

After all, an attack with money as a weapon is much more severe and more efficient than any form of police or military force, because it is an attack on the citizens as a whole. Not only on the integrity of their bodies but also of their minds and souls....

The creation of a united front of opposition from the peoples of Europe would naturally lead to the total defeat of the forces of destructive invasion and the creation of a Europe of peoples, peace, and progress, whose power and influence would be so large that it could play a leading role on the international level.

Editorial

The Food Crisis is Here

Reports on the Autumn harvest now underway in the Northern Hemisphere underscore the dimensions of the shortage-crisis in the world food supply. Drought and Summer heat hit two of the most important grain-belts, after decades of global food underproduction: the corn and soy lands of North America, and the wheat belt of Eurasia—Russia, Ukraine, and Kazakstan. The U.S. corn crop will be in the range of 15% below last year's, and soy similarly. The 2012 Eurasian wheat harvest will be down nearly 30% from last year's, and even below that of 2010, when Russia had to suspend wheat exports.

Given that national food reserves are non-existent, in compliance with the World Trade Organization's strictures, bad harvests cause immediate catastrophes. The United States, for example, accounts for over 30% of all the corn produced internationally, so a low harvest hits very hard. Russia, Ukraine, and Kazakstan are among the leading source-regions for wheat exports. *Now the grain is not there.* The follow-on effects are slamming livestock producers with high feed prices and outright scarcities.

But no one should be surprised. The current food disaster—which will lead to rapidly increasing world hunger and starvation—is the predictable, thus intended result of the economic policies of the British financial empire, and its puppet Barack Obama. By sticking to these policies, they will achieve their stated aim of *global depopulation*. The only question is whether people will depose these policies, and those who are ramming them through, before it's too late.

It is simple to summarize what the Obama Administration has done to aid drought-stricken farms and to protect the U.S. food supply: nothing. In particular, the White House did nothing to see that a new five-year farm law was put in place, to replace the "2008 Food, Conservation and Energy Act," which expired Sept. 30. So now farmers and ranchers are hit by even more uncertainty and losses.

For example, one program which expired is MILC (Milk Income Loss Contract), which had provided a weak safety net for dairy farmers. MILC offered a little financial aid when the prices farmers got for their raw milk fell below the costs of producing the milk. The situation has reached the point in California, the lead U.S. dairy state, where one-third of the state's 1,688 dairy operations are currently set to close down within 90 days.

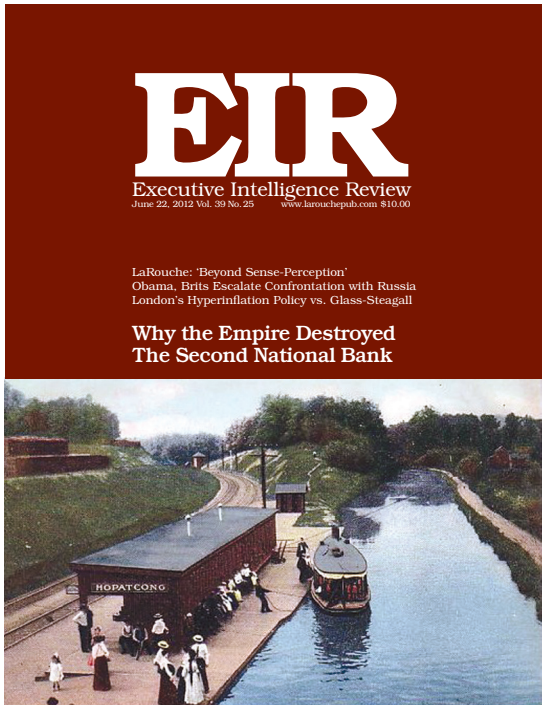
All this is bad enough, but the Obama Administration is actively doing worse. The President refuses to suspend the diversion of corn into ethanol. To meet this year's RFS (the Federal Renewable Fuel Standard), potentially *half of the 2012 corn harvest* will go into the gas tank! An unprecedented appeal has been made to waive the RFS, by livestock associations, food processors, and eight state governors. On Oct. 2, twenty nations met in Bangkok, hosted by the UN Food and Agriculture Organization (FAO), and called for limiting the use of food for biofuels. Obama snubbed them all.

The Obama Administration is conducting a *campaign for even more bioproducts*. It has approved sorghum biofuel, for the first time ever, and raised the 2013 RFS for soy bio-diesel. Food will not be for the starving—but for fuel.

Top this all off with Michelle Obama's campaign for lo-cal/high nutrition eating styles—a public relations cover story for talking-the-talk of fresh, local goodies, while food availability overall is cut drastically. The intent is in line with that of London's dying empire: less food, more depopulation.

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