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Ukraine's CCD Escalates Against Critics of NATO War
EACOP and the Battle for African Development
Vernadsky's Concept of Living Substance, Role of Water

**Release JFK Assassination Files!
Stop the NATO War Hawks**



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Release JFK Assassination Files! Stop the NATO War Hawks

Cover
This Week

John Fitzgerald Kennedy, 35th President of the United States. Posthumous official portrait by Aaron Shikler, 1970.



**RELEASE JFK ASSASSINATION FILES!
STOP THE NATO WAR HAWKS**

- 3 Make 2023 the Year in Which
Humanity Reaches Adulthood**
by Helga Zepp-LaRouche

I. Release the Kennedy Files

- 4 Why the Kennedy Files Must Be
Released Now!**

by Dennis Speed

- 5 A DIALOGUE
The Non-Release of the
JFK Assassination Documents**
Dennis Speed and Ray McGovern

- 9 Ukraine's CCD Escalates Against
Pro-Peace Critics of NATO War**
by an EIR investigative team

II. Lyndon H. LaRouche, Jr.

- 14 JULIAN HUXLEY'S BABY BOOMERS
The Little Lords of the
Unzipped Flies**
by Lyndon H. LaRouche, Jr.
November 19, 2006

III. Science and Economics

- 26 EACOP and the Battle for African
Development: Zeus vs. Prometheus**
by Liam Murphy

- 33 Vernadsky's Concept of Living
Substance, with Emphasis on
the Fundamental Role of Water
in its Existence, Properties, and
Development**
by Prof. Vladimir Voeikov

- 38 BOOK REVIEW
The Fourth Phase of Water**
by Gerald H. Pollack

- 40 Science & Technology Briefs**

Helga Zepp-LaRouche

Make 2023 The Year in Which Humanity Reaches Adulthood

Schiller Institute founder and leader Helga Zepp-LaRouche issued the following New Year's greeting as a [video address](#) on December 31, 2022.

Dear Citizens,

I wish you a good New Year.

The New Year, 2023, must become the year in which humanity reaches the age of adulthood. That means we must leave behind us childish, geopolitical squabbles, in which nations fight each other as if we were spoiled brats, fighting each other, aiming war toys against each other in a sandbox. That sandbox can turn thermonuclear radioactive in a moment.

We must remember that we are the creative species which has the lofty task to continue the process of creation for the good of all of humanity. The majority of mankind, the countries of the Global South and many in the formerly so-called advanced countries, want to leave war behind us, be it the danger of a new global war, or the many interventionist wars which left millions dead or displaced as refugees.

Let us create a new paradigm of international relations, where the interest of each sovereign nation is respected, where we all join hands to eradicate poverty and underdevelopment. Let us create a modern health system in every country, so that life expectancy is increased for all human beings living on this planet, and let us create the conditions, where every child and every adult has access to universal education, so that each person has the chance to realize his or her innate creative potentials to the fullest.

Let us also create a new credit system to finance

these goals and to increase the living standard of the people of the Global South and the poor in the so-called industrialized countries. Let us finally bring infrastructure, agriculture, and industry to all continents on Earth. Let us create a new international security and development architecture, which overcomes the division of the world into blocs, and ban all weapons of mass destruction and work to make nuclear weapons technologically obsolete.

Let us think of the entire human species as that higher One, which is of a higher order than the many nations, and let us never pursue a national interest, which is not in coherence with the interest of humanity as a whole.

Let us put the political, economic, and social order in cohesion with natural law, the laws of the physical universe, and let's increase that knowledge through progress in science and classical art. And let's start from the assumption that the nature of man is fundamentally good, and that all evils come from a lack of development, and therefore can be overcome!

A new world economic order is emerging, involving the vast majority of the countries of the Global South. The European nations and the United States must not fight this effort, but by joining hands with the developing countries, must cooperate to shape the next epoch of the development of the human species to become a renaissance of the highest and most noble expressions of creativity!

Let us therefore create an international movement of World Citizens, who work together to shape the next phase in the evolution of mankind, the new epoch! World Citizens of all countries, unite!

I. Release the JFK Files

Why the JFK Files Must Be Released Now!

by Dennis Speed

Dec. 29—The murder of John F. Kennedy, 35th President of the United States sixty years ago was also the murder of the American republic—and that murder is still unresolved in the minds of the American people. Many subsequent crimes, including many criminal wars and deposing of governments, are actually derivative expressions of that “murder most foul.”

Now, because of a December decision by the Biden Administration to continue to suppress certain documents, there is renewed discussion about the potential international significance of releasing thousands of pages of still-withheld files regarding the assassination of President Kennedy. Can the United States finally regain its soul as a nation through the public exposure of how and why American (and other) governmental and non-governmental institutions may have played a role in—or even directed—the assassination of President John F. Kennedy on November 22, 1963?

Answering that question with “the truth, the whole truth, and nothing but the truth,” is now essential to restoring the trust of both the American people as well as that of other nations in the now horribly compromised Congress, Presidency and American judicial system. To successfully do this, in the 60th year after JFK was murdered, requires a higher cultural vantage point from which to see and face the truth. Mozart’s *Requiem*, performed in Kennedy’s honor immediately after his assassination at the request of Jacqueline

Kennedy, provides that. The greatest beauty is required to confront the greatest ugliness.

The Schiller Institute [commemorated](#) the January 1964 performance of the Mozart *Requiem* at Boston’s Cathedral of the Holy Cross, 50 years to the day, January

"I see little of more importance to the future of our country and our civilization than full recognition of the place of the artist... In serving his vision of the truth, the artist best serves his nation."
— President John F. Kennedy · Amherst, Massachusetts, October 26, 1963

THE SCHILLER INSTITUTE
PRESENTS

A Tribute to John F. Kennedy

W.A. Mozart
Requiem in D minor
K. 626 performed at the natural "Verdi tuning" of A=432 Hz

On January 19th 1964, Boston honored her fallen son John Fitzgerald Kennedy with a performance of Mozart's *Requiem* at the Cathedral of the Holy Cross.

Join us, exactly 50 years later,
in this commemorative performance.

Sunday, January 19, 2014 · 3:00 p.m.
Cathedral of the Holy Cross
1400 Washington Street, Boston MA 02118

Schiller Institute poster for the JFK Memorial Concert, Jan. 19, 2014.

19, 2014. On that occasion, founder of the Schiller Institute Helga Zepp-LaRouche, who attended and briefly spoke (along with former Mayor of Boston and Ambassador to the Vatican Ray Flynn), observed, “It is urgent to evoke again the divine spirit of beauty of Mozart’s composition in order to recreate in us the better world which both Kennedy and Mozart represent.”

A DIALOGUE

The Non-Release of the JFK Assassination Documents

This is an edited transcript of the discussion between Dennis Speed, a long-time leader of the LaRouche movement, and Ray McGovern, former CIA senior analyst and founding member, Veteran Intelligence Professionals for Sanity (VIPS), following the presentations at the EIR symposium, “Peace on Earth, Or Humanity’s Doom? The Case for Negotiations.” December 17, 2022. The full symposium is available [here](#).

Dennis Speed (moderator): This question is for you, Ray. It has to do with [Fox News host] Tucker Carlson’s broadcast of December 15th concerning the JFK assassination. The reason I’m bringing it up is because of its relationship to what you’ve talked about—the expanded military-industrial complex that you’ve dubbed the MICIMATT (the Military-Industrial-Congressional-Intelligence-Media-Academia-Think Tank Complex).

Here’s a bit of what Carlson had to say, which gets to the point. He stated—among other things in what was a 30-minute discussion:

In 1976, long forgotten, the House of Representatives empaneled a special committee to re-investigate the JFK assassination. Their bipartisan conclusion? Jack Kennedy was almost certainly murdered as a result of a conspiracy. But the question is, a conspiracy by whom? The obvious subject would be the CIA.

Carlson talked about how the President John F. Kennedy Assassination Records Collection Act of 1992 had mandated the full disclosure of all documents by

2017, and that Mike Pompeo, then the Director of the CIA, withheld those documents from the public, and that the same thing happened again two days ago, when the Biden administration also withheld documents. Carlson went on to say:

We spoke to someone who had access to the still-hidden CIA documents. A person who is deeply familiar with what they contain. We asked this person directly, “Did the CIA have a hand in the murder of JFK, an American President?” Here’s the reply we received, verbatim: “The answer is, yes, I believe they were involved. It’s a whole different country from what we thought it was. It’s all fake.”

Tucker Carlson did not name that source. He said, “This is not a ‘conspiracy theorist’ we spoke to, not even close. This is someone with direct knowledge of the information that once again is being withheld from the American public.”

The broadcast continued in that vein. Then, near the end, he said:



DoS/Freddie Everett

Then Secretary of State Michael R. Pompeo delivers remarks on “Unalienable Rights and the Securing of Freedom” at the National Constitution Center in Philadelphia, July 16, 2020.

Many people have known this for a long time, but people who knew would include every director of the CIA since November of 1963. That list would include Obama’s Director of the CIA, John Brennan, one of the most sinister and dishonest figures in American life. That list would also include, we are sad to say, our friend Mike Pompeo, who ran the CIA in the last administra-

tion. Mike Pompeo knew this; we asked Pompeo to join us tonight, and although he rarely turns down televised interviews, he refused to come.

Ray, the question is: given the fact that you were a CIA analyst for 27 years, and you also returned various commendations that you got as a result of your differences and clear opposition to what happened, particularly in Iraq in 2003, what is your view of what Tucker Carlson said? What is your view about this issue, and what is your view about its relationship to the problem of an honest executive today, and an ability to get to the truth of things?

Six Ways From Sunday

Ray McGovern: Let me begin by quoting New York's Senator Chuck Schumer, who should have lost to Diane Sare [in the recent midterm election]. After Donald Trump won the Presidency in 2016, the very first week of January, he arranged to get himself on [Rachel] Maddow's [MSNBC] show. Maddow said, now Senator Schumer, you have something to say about the CIA and how Trump is criticizing the CIA and taking off after them. What did he say? Schumer said,

He's being very foolish. You take on the intelligence community, they have six ways from Sunday to get back at you. I thought Trump was a pretty smart businessman, and maybe he is. But he's being very foolish to take on Intelligence.

Schumer was telling us what the situation is.

The best book about this is something called *JFK and the Unspeakable: Why He Died and Why It Matters*, written by James W. Douglass, who happens to be a friend of mine. He pored over all the foregoing books—

this is about 12 years ago now—put them all together, and said, yeah, JFK was done in by the Deep State. The CIA, the parts of the Army, parts of the FBI knew about it, and parts of the Secret Service. He was done in, why? Because after the Cuban Missile Crisis—which relates to the kind of situation we face now—after the Cuban Missile Crisis, when JFK realized how close we had come to blowing up the world, he worked out a deal with Nikita Khrushchev, started a test ban treaty; started all kinds of negotiations toward rapprochement. With whom? With the Commies!

Now, you had to have been alive—I was serving in CIA under John Kennedy just for several months. But you had to be aware of the atmosphere. Kennedy was hated because he didn't support the invasion of Cuba, the Bay of Pigs invasion. He told those CIA types:

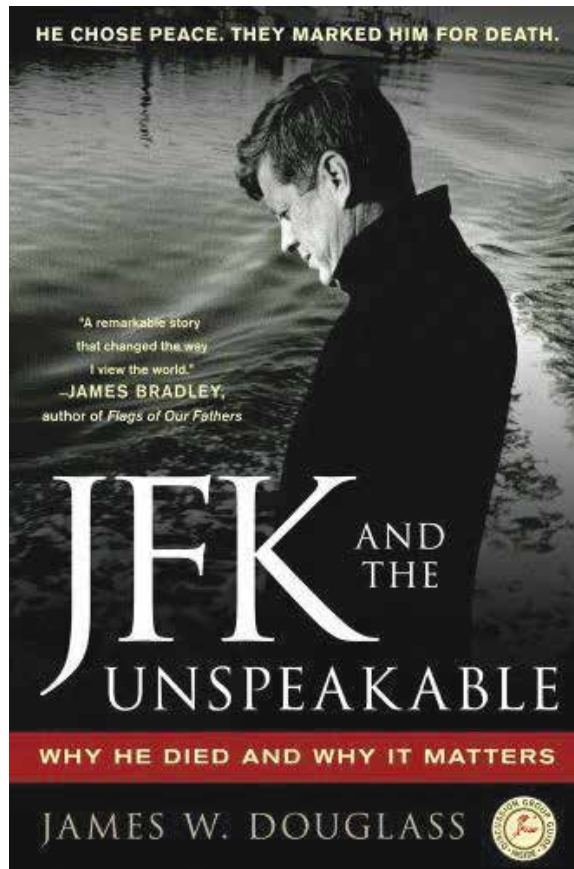
This sounds like a cockamamie operation to me. But if Eisenhower approved it, go ahead. But look, we're not going to commit the U.S. Air Force or the U.S. Army or the U.S. Armed Forces to rescue you if it screws up.

It screwed up royally, and Kennedy held tough. How do

we know that he was deceived when they pursued it? We have then CIA Director Allen Dulles' coffee-stained notes from his desk, saying that Kennedy said we would not commit U.S. forces, but when push comes to shove, he will not be able to avoid committing U.S. forces.

'JFK and the Unspeakable'

So, what happened? Kennedy stayed true to his pledge not to commit U.S. forces. The whole thing fizzled out, and Kennedy was heard to say to a neighbor up there in Hyannis Port, "I'd like to take the CIA and scatter it into a thousand pieces." That's sort of a declaration of war, right? Kennedy and Allen Dulles



didn't get along very well at all. It took him several months to fire Allen Dulles. You don't fire a well-connected patrician like Allen Dulles, whose brother is the Secretary of State, and who has all kinds of—let's put it this way—"six ways from Sunday to get back at you," without paying the price.

It was the substantive issue of John Kennedy trying to figure out how to live with the Russians in a more decent, peaceful way. And the fact that he could not be trusted to support fully the cockamamie schemes of CIA, that did him in. You don't have to take my word for it. Read Douglass' book, *JFK and the Unspeakable*. It's a quote from Thomas Merton, of all people.

Today, what happened when, under Trump's watch—he's still not being wise to the ways of Washington—he got up on the day that the Congressional mandate said he has to release the rest of the JFK documents hidden by the CIA and the FBI. He got up in the morning without telling anybody, and said, "Today's the day Congress said I have to release those documents. I'm going to release them." Four hours later, in the middle of the afternoon, he said, "Oh, I changed my mind. I'm not going to release them. The CIA and FBI said it's too sensitive; we'll revisit it in six months." That's what he said. It doesn't matter what Congress said, right?

Six months. McGovern makes a little note in his notebook. In six months, it fell through the cracks; nobody remembered that they were going to revisit in six months. Hello! Do you have to be a master psychiatrist or psychologist to figure out that maybe if they don't want those things released, it's because it shows that they were involved?

After the Kennedy assassination, all kinds of irregular things happened. The Warren Commission was set up by Lyndon Johnson. Who did they pick to pretty much orchestrate the whole commission proceedings? It was Allen Dulles! Allen Dulles pretty



NARA

Allen Dulles, the CIA Director that Kennedy had fired, was brought in to orchestrate the Warren Commission proceedings to cover up the truth about his assassination.

much orchestrated that whole thing. Did LBJ know about all this? James Douglass tells me, yeah, the evidence is pretty clear. Johnson may not have been involved in the actual assassination, but he knew what the plans were; he was not agnostic on that. LBJ appoints Earl Warren, and Earl Warren appoints Allen Dulles.

The Political Parties Are Collapsing

What's my point here? When honest people—people like me—said "wait a second. This doesn't parse. There's some suspicion that the CIA might have been involved in the assassination, and now you're appointing the previous CIA Director?" Guess what we got? Conspiracy theorists. "You guys are

conspiracy theorists." That's where the term got its impetus, and to this day, often when you say the truth, and when you stop saying the truth, you're considered a conspiracy theorist.

Both parties are equally corrupt in all this; both



U.S. House of Representatives

The U.S. House Select Committee on Assassinations met from 1976 to 1978, ostensibly to investigate the assassinations of Martin Luther King and President John Kennedy. They endorsed the Warren Commission findings that the FBI, CIA, and Secret Service were not involved.

parties are equally afraid of the Deep State. You don't have to just listen to Chuck Schumer to talk about "they've got six ways from Sunday to get back at you." Talk to the Senators who knew that there were no weapons of mass destruction [in Iraq], but couldn't say it, because it was classified. Talk to the Senators who

know all about Afghanistan. Again, we come back to the Senators and the Representatives who are getting the take from the Military-Industrial-Congressional-Intelligence-Media-Academia-Think Tank complex, the MICIMATT. Putting it in their pockets, appropriating more money for arms building, selling more money, taking a share of that money, putting it in their pockets, getting re-elected. Hello! Is this a great country or what? That's what it takes; everybody's afraid, and everybody's on the take.

The Democrats tried to prevent Trump from winning the election in 2016. It's documented now. Obama, in October; Hillary Clinton, also in October 2016 authorized all this Russia-gate stuff. We know about it; it's in court testimony. Not many people know about it, but it's in court testimony.

Then, what happened in 2020? My goodness! All of sudden, Hunter Biden's computer comes out, and what does the Deep State do? They hire 51 former senior intelligence agents to say, "Russian operation. We can't prove it, but it's got the earmarks of a

Russian operation."

What am I saying, here? I'm saying that the media and the Deep State are joined at the hip now as never before. Both elections, or at least the following election, were probably affected by the fact that no one could tell the truth; Twitter wouldn't allow it. Only Glenn Greenwald would tell the truth about Biden's laptop, and how Joe Biden himself was on the take.

The 2016 thing? They tried and failed to derail Trump, but they sure got him for the four years after that. He couldn't do a damn thing he wanted to do in terms of creating a more decent relationship with Russia.

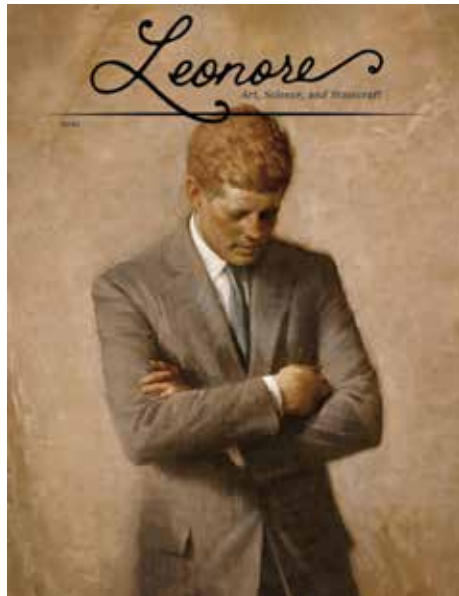
It's a sad story. Is the Deep State strong? It sure as Hell is. Is it still around? Of course it is. John Brennan [the former CIA Director] mentioned before. He's a big commentator on MSNBC; James Clapper, [former Director of National Intelligence], is on CNN. It used to be that the Agency controlled the media; now the Agency *is* the media.

The Schiller Institute

has just released Volume 2, No. 1, of its new journal *Leonore*, which opens with the following from Lyndon H. LaRouche, Jr.'s October 20, 2002, article, "The Historical Individual":

"The principal cause for the doom of any culture, is that mental disorder typical of popular opinion, which is to assume the validity of any assumptions currently adopted by a learned profession, or religious teaching, or more crudely adopted as 'generally accepted popular opinion'."

The 88-page issue, contains eleven articles, including the first English translation of one of the last letters by the 15th century scientific and political genius, Cardinal Nicholas of Cusa, which has been called his "religious last will," and an original translation of Friedrich Schiller's "On the Sublime," described as "perhaps his most refined discussion of the process of the development of the soul."



Preview the issue

[here](#) and see the full table of contents.

The preview includes the ground-breaking article by Jason Ross, "Vernadskian Time: Time for Humanity," which addresses "the paradoxes posed by Vernadsky's scientific work," which open the way to an entirely new set of definitions of space, time and matter, taken from the standpoint of the human mind.

The journal is yours as a monthly Schiller Institute contributing member. Memberships start at \$5 per month. Sign up [here](#).

Ukraine's CCD Escalates Against Pro-Peace Critics of NATO War

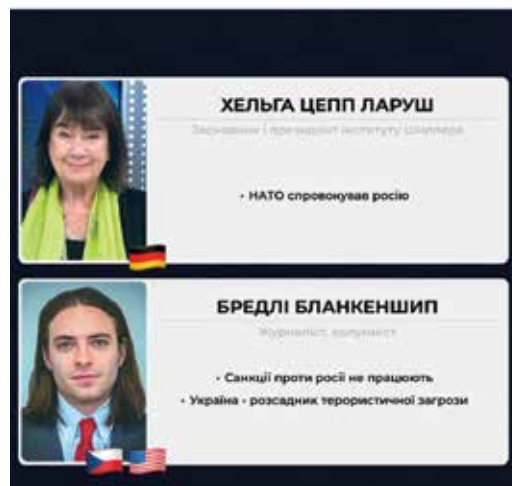
by an *EIR* investigative team

Dec. 31—The infamous hit list of Ukraine's "Center for Countering Disinformation" is back. On Dec. 20, the CCD, NATO's "information warfare" unit operating out of Ukraine's National Security and Defense Council, re-posted, after a several-week interruption, its list of Western "experts" targeted for promoting "Russian propaganda." Still number one on the list, is Helga Zepp-LaRouche, founder and head of the international Schiller Institute.

What the CCD deems to be "Russian propaganda" ranges from suggestions that there could be a peaceful solution to the Ukraine-Russia conflict, to statements which credit Russia with contributing anything of worth to world culture. Questioning of NATO or of the unending weapons supply to Ukraine is definite proof of being an "information terrorist."

The CCD did not merely post the [list](#). Six days later, the CCD issued on its Telegram channel the first of what it announced would be a series of individual "infographics" against "top Western experts" whom they "single out" as "experts who promote narratives identical to Russian propaganda." The first targeted the Schiller Institute's Zepp-LaRouche. As of this writing, five more infographics have been issued against individuals on the CCD's Dec. 20 list, all of those five being American citizens.

All the infographics carry the hashtag of "infoterror."



On Dec. 26, the CCD revised its hitlist to include ^{CCD} photos and profiles of "infoterrorists" with their "criminal" statements "that resonate with russian [sic] propaganda." Shown is "founder and president of the Schiller Institute" Helga Zepp-LaRouche, who said, "NATO provoked russia"; and "journalist, columnist" Bradley Blankenship, who said, "Sanctions against russia do not work" and "Ukraine is a breeding ground for terrorist threats."

The CCD does not merely "name to shame;" it seeks the elimination of its targets, whether by "legal" means, or physically. *EIR* [documented](#) in our Sept. 2, 2022 issue that: (1) the CCD coordinates its hitlist with Ukraine's Security Service (SBU) and the Myrotvorets assassination operation; and (2) the CCD is carrying out a strenuous international campaign for nations to adopt legislation enabling anyone labeled as a "Russian propagandist" to be prosecuted as an international "information terrorist," and subjected to the penalties meted out to other kinds of terrorists.

Put together the content of what the CCD demands be outlawed as "Russian propaganda," with the fact that the CCD is advised, financed, and supported by NATO, the U.S. and UK governments, and the EU, and it becomes clear that the CCD operation is a key instrument of the drive to set up a world government run by

Global NATO. The monstrous intent is to crush free speech and personal liberty worldwide, so that people are isolated and blind to the growing potential for a viable policy alternative that would not only end the danger of nuclear war, but also be able to reverse the escalating collapse of the West's economic system. It is high time Americans and Europeans demand their governments cut all official funding for, and coordination with the CCD, and shut it down.

No ‘Rational Approaches’ Allowed!

This is the third time the CCD has posted such a list. The first was on July 14, 2022. That list of over 70 people named Zepp-LaRouche and 30-some speakers at various Schiller Institute international conferences right at the top. Under international fire, the CCD removed that version from its website on August 11. At the time, *EIR* warned that being named on the CCD list poses a grave threat to the personal security of those named, and removal of the list did not end the danger.

Sure enough, a second version of the list was posted in early October, this one adding a couple dozen more people to those previously named, bringing the total named to over 90. It even included a sitting head of state, Uganda’s Yoweri Museveni. In early November, Rolf Mützenich, leader of the Social Democratic Party (SPD) caucus in the Bundestag, denounced his being named on a Ukrainian “terrorist list” because he advocated a ceasefire instead of the continued supply of German weapons to Ukraine. The CCD hitlist threatened to become a matter of serious public discussion in Germany. The CCD list was removed once again on the weekend of Nov. 6.

Now the list has been re-posted, this time naming 42 people.

The first individual “infoterror” [infographic](#) followed on Dec. 26, posted to the CCD’s Ukrainian Telegram and Instagram channels. Zepp-LaRouche was labeled the “German politician and Schiller



CCD

Heading the CCD’s “infoterrorist” list of “Top Western experts who most actively spread narratives identical to Russian ones,” is Helga Zepp-LaRouche.

Institute founder who most actively spreads identical Russian narratives.” The CCD lied that “for more than 10 years, H. Zepp-LaRouche has been promoting Russian-sounding narratives in the Western information space.”

What so-called “narratives” are cited? Realities, such as that “NATO provoked Russia” and ignored Putin’s 2007 warning against NATO expansion, and her statements that “the West made a huge mistake by not listening to Russia about its security concerns.” Likewise, that she says that “NATO pushing Russia to the point where it will either surrender as a nation or go to war in self-defense” has put the world on the brink of thermonuclear war.

The next “top Western expert” singled out was



CCD



CCD

Former UN weapons inspector Scott Ritter (left) and RT journalist Caleb Maupin (right) are also on the CCD’s “infoterrorist” list.



CCD



CCD

Independent Journalist Eva Bartlett (left) and Fox TV talk show host Tucker Carlson (right) are also on the CCD's "infoterrorist" list.

former UN weapons inspector, Scott Ritter. Attacks followed on *RT* journalist Caleb Maupin, CATO Institute researcher Doug Bandow, *Fox News* host Tucker Carlson, and independent journalist reporting from the Donbass, Eva Bartlett, with more promised.

Of all the differing charges and statements cited to justify labeling each person as an information terrorist, perhaps the most remarkable example of the perverted worldview of the CCD and its backers, is the attack on the Cato Institute's Bandow. Bandow's crime, they write, is that he has taken it upon himself to push for a "rational approach" to the Russia-Ukraine conflict!

A Few in Congress Take Aim at the CCD

Several U.S. Congressional offices, so far all Republicans, have recognized that the CCD operation is a serious threat, and part of a broader drive to crush freedom of speech in the United States.

In the final days of the pre-Christmas fight over the omnibus budget bill for 2023, Rep. Louis Gohmert (R-TX) introduced a limiting amendment that would prohibit any funds going to government "countering disinformation" operations, whether inside or outside of the United States. That would certainly include Ukraine's CCD. The amendment rightfully invoked the U.S. Constitution's protection of

free speech as grounds to prohibit U.S. government funding for *any* entity, domestic or foreign, seeking to criminalize free speech. The amendment read:

"None of the funds made available by any division of this Act or any amendment made by any such division may be made available for—

"(1) any Disinformation Board or Center, or any other entity substantially similar in concept or function, which purports to be a censorship board, supposedly to 'combat disinformation,' whether inside or outside the United States; or

"(2) any entity, inside the United State or abroad, which seeks to criminalize the exercise of freedom of speech, a quintessentially American right enshrined by the First Amendment of the Constitution."

The amendment was not accepted by the Appropriations Committee, but it set a precedent for a Republican-controlled Appropriations Com-

mittee to take it up in January. Although Gohmert will not be in the new Congress, other members have shown interest in pushing such an amendment forward.

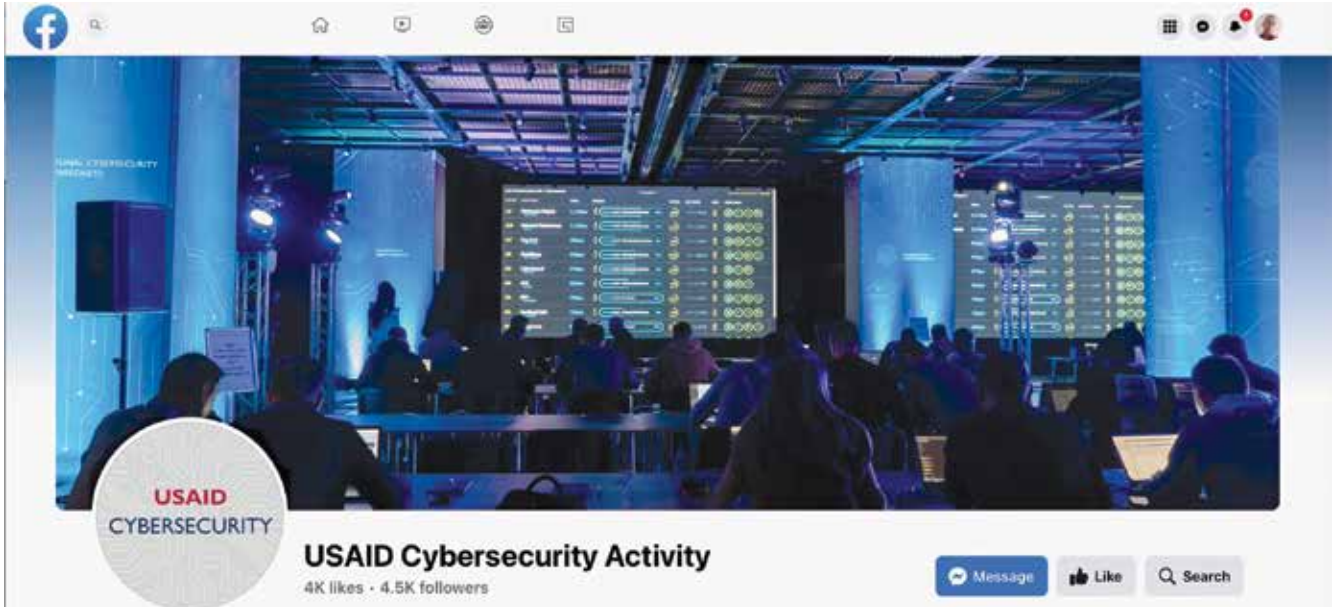
State Department Lies to Congress

The State Department had assured several Congressional offices this fall that the State Department



Gage Skidmore

U.S. Congressman Louis Gohmert (R-TX) introduced an amendment to the FY 2023 Omnibus Appropriations Bill, prohibiting any funds going to government "countering disinformation" operations, whether inside or outside the U.S.



USAID

Contrary to promises to Congressional offices that the State Department and USAID had stopped funding it, the CCD proudly reported Dec. 3 that its Nov. 30 forum, “Ukraine’s Information War,” had been “sponsored by the USAID’s Cybersecurity for Critical Infrastructure in Ukraine Activity.”

and USAID had stopped funding the CCD, when questioned about the CCD’s information terrorist list. This has proven to be a brazen lie.

The CCD proudly [reported](#) on Dec. 3 that its Nov. 30 Forum on “Ukraine’s Information War,” had been “sponsored by USAID Ukraine Critical Infrastructure Cybersecurity Project/USAID Cybersecurity Activity.”

The Facebook [page](#) for that USAID project describes itself as an “NGO,” even while it prominently displays the USAID logo and describes itself as the “four-year USAID program aimed at strengthening resilience” in Ukraine. It is clear from that Facebook page that USAID is hyperactive in running Ukrainian “cybersecurity” operations.

The machine translation of the Facebook entry is available [here](#).

The Nov. 30 forum was sponsored by USAID. The Ukrainian National Security and Defense Council’s CCD, Ministry of Regions, State Service for Special Communications and Information Protection of Ukraine, and the Sumy Regional Military Administration “supported” it. Three Ukrainian NGOs “co-

organized” it: those being the “Ukrainian Alliance,” a self-described “Cybersecurity Support Center International Charitable Foundation,” and the Institute of Post-Information Society.

Senior CCD analyst Maryna Vorotyntseva used the occasion to again insist that anyone labeled a “Russian propagandist” should be prosecuted as an “information terrorist.” The CCD recounted:



Instagram

Senior CCD analyst Maryna Vorotyntseva: Anyone labeled a “russian propagandist” should be prosecuted as an “information terrorist.”

In her report, the issue of the Russian Federation’s information aggression, freedom of speech, and the information terrorism of the aggressor was raised. Those present also learned how Russian propaganda works against Ukraine in the EU and the world, as well as ways to bring Russian information terrorists to justice. Such measures become the key to successful informational op-

position to Russian aggression.

The actual axiom underlying this whole operation is that truth no longer matters. The forum was moderated by the Executive Director of the “Post-Information

Society Institute,” Dmytro Zolotukhin, an avid proponent of the theory that thinking and truth-seeking belong to a bygone era. He argues:

The post-information society is the next stage of our development in a world in which information flows are so large that facts no longer matter. Consumers of information are increasingly concentrating on their emotions and how they want to express themselves in the information world. The value of arguments and evidence in disputes will be leveled more and more. And the value of each person’s emotions and personal brand will grow.

For that sophist drivel, he has been receiving the support of the European Endowment for Democracy Foundation and the Ministry of Information Policy of Ukraine since 2015.

Ukraine: A Model for Life under Global NATO?

Support from the U.S. government, NATO, et al., also enables the CCD to play an active part in the suppression of all opposition inside Ukraine, religious beliefs not excluded. On Dec. 12, the CCD posted an obscenely gleeful infographic reporting how the Zelensky regime was escalating its “spiritual war” against the Ukrainian Orthodox Church (UOC), one of the two major Orthodox churches in the country, which had been officially tied to the Moscow Patriarchate until it broke ties in May 2022. Illustrated with big pictures of the seven targeted archbishops, bishops, and abbots, the CCD Telegram post celebrated:

“The sanctions list of the National Security and Defense Council of Ukraine that stirred everyone’s imagination! Another 7 clerics of the UOC-MP [Moscow Patriarchate] were added to the sanctions list for cooperation with the enemy.”

Ukraine’s SBU thugs had begun raiding UOC sites in mid-November. On Dec. 1, President Zelensky announced that his regime had ordered the UOC banned, various members of its clergy subjected to sanctions, and policing of religious activities in the country stepped up.

The CCD specifically identified two of the seven as being included on the infamous Myrotvorets assassination list, with ambiguity as to which list targeted them first, that of the CCD or of Myrotvorets.

Viktor Shinkarev, the Archbishop of Konstantinov Paisius, the infographic reports, “is in the Myrotvorets base as an assistant to terrorists,” while Oleksandr Prokopenko, Abbot of a Melitopol Monastery, “was included in the Myrotvorets database.”

The CCD, at the same time, is preparing legislation to further criminalize the exercise of freedom of speech in Ukraine. On Nov. 28, the CCD [signed](#) a “Memorandum on Cooperation in Countering Disinformation and Propaganda, Destructive Informational Influences and Campaigns” with the government’s media oversight body, the National Council of Ukraine on Television and Radio Broadcasting. At the memo’s signing, Olha Herasymiuk, chair of the National Council, said that the two institutions were joining forces for the purpose of carrying out their “common task” of drafting both “a powerful defense policy” against people spreading disinformation, and a policy of “attack” as well. Andrii Shapovalov, acting director of the CCD, spoke of how the two bodies would strengthen the government’s ability to take action against “numerous cases of abuse of freedom of expression and information terrorism.”

The National Council explained in its [announcement](#) of the signing:

“The Memorandum provides for the development of a methodology for identification of dangerous information materials of manipulative and disinformation nature... The National Council, for its part, records the statements of Russian propagandists in order to hold them accountable for violating both the Ukrainian and international law. The methodology should provide for agreement on law enforcement agencies’ requirements for materials, the procedures for their collection, etc., so that in the future the collected materials can be used by law enforcement agencies as evidence.”

According to the National Council’s report on the meeting, CCD head Shapovalov—despite his protestations that “the rules” must be written in such a way that no one can claim that they are limiting freedom of expression—believes that the legislation the CCD and the media regulators are drafting to prosecute and sanction “information terrorists who mock the whole world today,” will set a model for the rest of the world. They write:

“Shapovalov is convinced that Ukraine’s experience and achievements in countering propaganda and disinformation, including information terrorism, can become an example for the whole world.”

II. Lyndon H. LaRouche, Jr.

November 19, 2006

JULIAN HUXLEY'S BABY BOOMERS

The Little Lords of the Unzipped Flies

by Lyndon H. LaRouche, Jr.

Sometimes, the sewer lines of history back up. As I recall from a wartime outbreak of amoebic dysentery in Myitkyina, Myanmar,¹ the stink produced on warm sub-tropical days, by the relevant clinical evidence taken from hundreds of U.S. military service personnel, was as astonishing as it was repulsive. The same might be said of the phenomena I now present here, on the subject of insight into a crucial aspect of the clinical history of "Boomerism."

The Twentieth Century's Julian and Aldous Huxley, the more famous grandsons of the evil Nineteenth-Century "monkey man" Thomas H. Huxley, were, "apprenticed," so to speak, for a time, to the leading Satanist and promoter of witchcraft of the Twentieth Century, Aleister Crowley. This Crowley was, among other malfeasances, the leader of that century's Lucifer cult, and a sometime close associate of the circles of evil Bertrand Russell and the equally evil Huxley family asset, Herbert George ("H.G.") Wells. The two referenced Huxley grandsons, together with the later author of H.G. Wells-style cult-novels **Animal Farm** and **1984**, George Orwell, were introduced to what were classified as "psychotomimetic" natural drugs, under Crowley. To exactly where Aldous and Orwell went in the later course of time, after passing from the scene, was doubtless unpleasant, but also uncertain; but, whatever, it was decidedly not good.

Aldous became celebrated for his association with the promotion of synthetic psychosis. The natural

form of that drug taken by the Huxley boys and Orwell under Crowley's patronage, was later superseded by the synthetic ergotamine, promoted by British Brigadier John Rawlings Rees's "factory," the London Tavistock Clinic, where it was uttered under the acronym of "LSD." The later career of Aldous' brother, Julian, later Sir Julian, does not carry the degree of notoriety famously attached to the more frankly cultish Aldous and Orwell, but it is a record of evil as significant as theirs in its own way; he was a true representative of the family tradition of "monkey man" Thomas Huxley.

Despite apparent differences between the two brothers, in the end, as I shall show in the course of this report, the set of goals defined, respectively, by the two referenced Huxley brothers, has shown itself to converge on the same result, in practice. It is often said, that "breeding will tell."

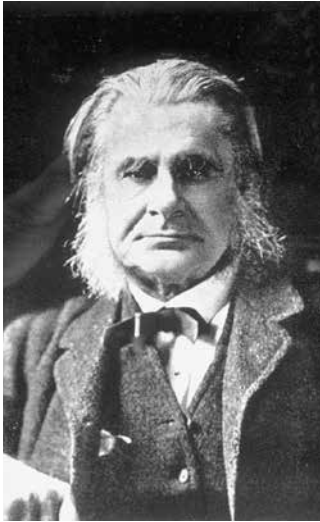
With That Said, Our Story Begins

All that much said in summary of relevant background, Sir Julian is notable for projects which he spun out in the course of the work he promoted in the course of his association with the United Nations' UNESCO organization. My attention here is focussed on one of those themes, a conception termed "neoteny."

That subject was the evidence that, speaking descriptively, sometimes, a branch of a certain characteristically metagenetic lower species has spun off a variety which does not develop into the normal adult phase, but halts the process of metagenesis in what had been the species' standard pre-sexual phase, and then becomes a variety of the source-species which reproduces itself sexually in that childhood

1. In a place which the British then called northern Burma.

Editor's Note: This article first appeared in *EIR*, Vol. 33, No. 48, Dec. 1, 2006.



Elliot & Fry

Thomas Huxley



Wolfgang Suschitzky
Aldous Huxley



Aleister Crowley



Library of Congress

H.G. Wells

British imperial influentials of the 19th and 20th Centuries, who shaped the clinical history of the Baby Boomers: from "monkey man" Thomas Huxley to Bertrand Russell, who thought a Black Death once every generation would effectively deal with the "population problem."



UNESCO/Claude Bablin
Julian Huxley



UNESCO/C. Bablin

Bertrand Russell

phase of what had been the parent species' standard metagenesis.

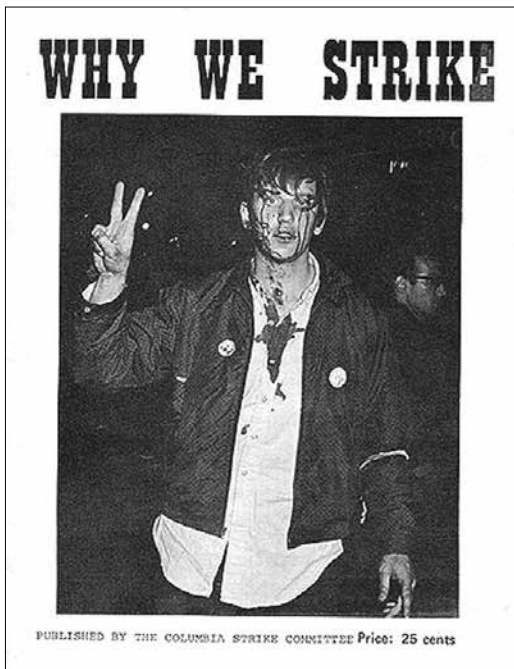
Some might wish to think of an image of twins copulating and reproducing within the womb.

Copulation among co-inhabitants of the particular womb, is not exactly what happened to the post-World War II "Baby Boomer" generation, but, in a certain sense, the idea is a provocatively relevant near miss. This is key for understanding what is recognizable as "The Baby Boomer" syndrome in both North America and western and central Europe today.

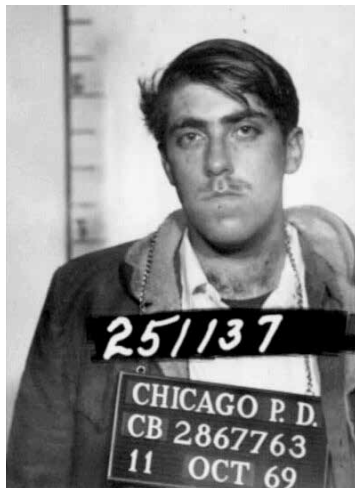
The relevant study of this matter of "neoteny" by Sir Julian and others, has interesting, and also very fruitful implications for a much-needed conceptualizing of certain extremely important types of late Twentieth-Century human cultural development, types of which the artful design of the immediate post-war decade's Baby Boomer generation, is an example of prime importance for sociology today. It is what happened to the so-called "Baby Boomer" generation, a thing which, as I shall emphasize here, when unzipped, correlates with the famous **The Lord of the Flies** story and with the cultural pace-setting effects of the pre-1957, 1950s spread of the social cultural diseases which were subjects of books such as **White Collar** and **The**

Organization Man from that time. It is also a subject referenced, implicitly, by Federal Reserve Chairman William McChesney Martin in speaking during the late 1950s, on the subject of the effects of the decadence in U.S. management practices at that time.

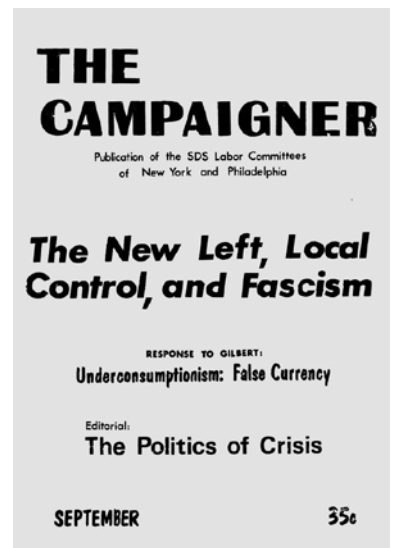
The importance of what I have to present in these present pages, is not merely a much-needed insight into the roots of the social disorders among today's leadership among nations. To make clear the identity of the indicated social processes, the problem which corresponds to my use of Sir Julian's term *neoteny*, is the problem which must not only be recognized, but solved, in treating the typical disorders of today's Baby Boomer generation, especially those of that age-interval typified by, but not limited to the upper twenty-percentile of family-income and political-social status today. The influence of the Baby Boomer stratum in government and other leading places of influence today, defines the Boomer disorder as a problem whose effects must be reversed, and that immediately, for the sake of generations, perhaps many generations yet to come.



NYU Archives



Credite



EIRNS

A faction of the “68ers” erupted into violence at Columbia University, leading to the creation of the terrorist Weathermen in 1970. At the center is Mark Rudd, one of the founders of the Weathermen, after his arrest during the “Days of Rage” in Chicago in October 1969. The opposing faction was led by Lyndon LaRouche, who split with SDS and led to the creation of the National Caucus of Labor Committees. On the right is an article by LaRouche, exposing the fascist character of the SDS/New Left.

Never again should civilized humanity tolerate that aborting of personal moral and intellectual development, which the conditioning of the generation of children reared between 1945 and 1956, has done to prompt our nation, and others, to destroy civilization in the fashion we have experienced such growing decadence of the relevant, emerging adult generation over the course of the recent four decades, since the middle of the 1960s.

1. ‘Baby Talk!’

My first appreciation of the political significance of the social phenomenon in people which corresponds clinically to Sir Julian’s portrait of “neoteny” in the animal domain, came during the riotous events of 1968. By June of that ominous year, my heavy dose of experience in dealing with the generation of that year’s ferment among the “68ers,” had shown me that an important spectrum of an apparently pro-violence trend within the Columbia University and related processes of that time, was, sociologically and in cultural “genetics,” a kind of reincarnation of the elements of the German *Jugendbewegung* of the early 1930s, which were crossing, back and forth, over into the Nazi and Communist ranks around hot-spots such as the Berlin

trolley-car strike.² The “Weathermen,” although in significant degree what counterintelligence specialists would promptly recognize as an artificial phenomenon produced by some known elements within the trade, typified the leaning toward fascism within the sociologically radical, existentialist quality of the youth ferment of that time.

The unifying quality of the culturally diseased aspect within the general campus ferment observed at Columbia in 1968, and comparable cases elsewhere, was a curious accent among the relevant students, an accent which I recognized as a legacy of “Baby Talk.” In other words, I was looking at the sociological equivalent of what Sir Julian identified as *neoteny* in the animal domain.

What I was viewing, thus, was a case of arrested, or, worse than arrested emotional/intellectual development among a university-student layer attending leading relevant elite types of universities, a social phenomenon which paralleled the phenomenon of *neoteny* in the animal kingdom. Once that connection is made, there remains little mystery, as to matters of principle, in accounting for the specific cultural infirmities which, in

2. Lyndon H. LaRouche, Jr., *The New Left, Local Control, and Fascism* (New York, June–July 1968).

fact, proliferate among the peer-group strata, chiefly from the upper twenty percentile of the Baby Boomer generation, in the U.S.A., as in western and central Europe today.

Think, then, of the story of **The Lord of the Flies** and the studies whose fruits were expressed by the insights displayed in that drama. Think of the circumstances and manner of the production of a deformed personality of the relevant special type, in the following way.

Instead of fostering what should be considered, by the modern European civilized standards of promotion of the normal intellectual and emotional development of the social relations and sense of personal identity over the span from infancy to young adulthood, the influences which produced the indicated "Baby Boomer" phenomena, acted in ways designed to reinforce the infantile residue within what would be, otherwise, the targetted adult subject's "normal" social development.

Consider such relevant images as that of a four-year-old operating at an emotional-intellectual level otherwise relatively normal for the twos of "the terrible twos" age-level; and, then treat the children and adolescents generally in a similar fashion. Think, of some persons and institutions which sought to induce that kind of effect, on a mass scale, for political purposes. Think, for example, of the product of the London Tavistock Clinic's Melanie Klein. Foster accelerated, early-onset sexual behavioral orientations—not necessarily sexual activity, but sexual foreplay orientations, with a tendency for emphasis on homosexual and other relevant forms of childish sexual play, among pre-puberty and early-onset-puberty children and early adolescents. Think of the typical kindergarten and similar programs introduced to morning television during the 1950s. Associate a conditioning process with such intentions around the steering of the adopted "romper-room-style" rules of children's and adolescent's games.

In crafting the needed image of the synthesized personality of the victim of such games, look back to the influence of relevant French and Swiss sociologists of the last century, but pay special attention to competitive sports, especially forms of sports associated with what are considered highly competitive bodily contact sports. Emphasize a predatory orientation to the competitive feature of such games. Create mental images of pro- and anti-bodily-contact

"sports" personality types (e.g., "nerds") as two commonplace varieties of the same synthetic pseudo-species.

Steer the development of a child, or adolescent, in a way to produce a behavioral characteristic, and sense of identity of half his, or her biological age-level. You, then, have something akin to an induced personality-disorder of the Baby Boomer type seen commonly in the "68er" types to which I referred. Think of this kind of problem with special emphasis on attention to the sexual behavior of the Baby Boomer fitting the type of the "Weathermen" association which emerged during 1969, that out of the wilder types of campus "68ers" of the Summer and Autumn months of 1968. There, as in the story of **The Lord of the Flies**, you meet a human social phenomenon fitting the application of Sir Julian's image of the phenomenon of "neoteny" in animal species.

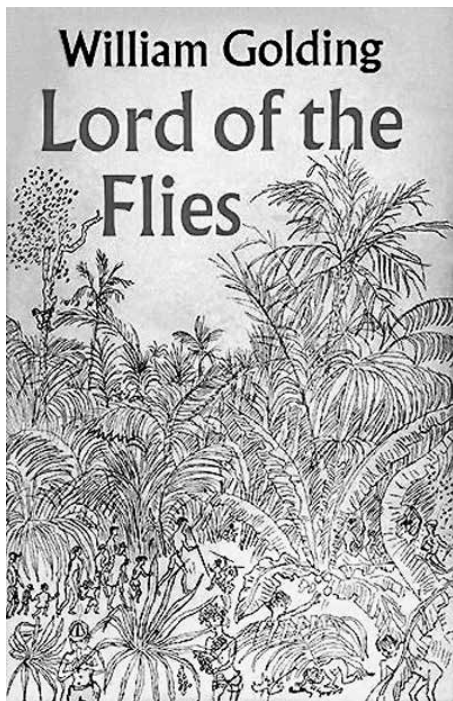
Some childhood and adolescent victims of that "Baby Boomer"-syndrome revolt against its grip, and some among these have tended to free themselves from it; unfortunately, the disease of Baby Boomerism is not a disease of individuals as such, but of peer-group associations, according to the notion of "going along, to get along."

My Own Studies of This Disease

My own attention to this type of sociopathological phenomenon, led to personal and related studies which I conducted over the interval from the late 1950s into the early 1960s, studies made chiefly in connection with my consulting practice of that time. Among these performance studies which I conducted in my relevant executive function for a consulting firm, and similar auspices, during that time, was a study of the cases of persons highly qualified by education and related experience to function as management consultants, but who were, relatively speaking, consistent failures in the field of practice. This inquiry included some tests which I designed for this purpose.

I designed and conducted some tests of relevant groups of personnel. Part of my inquiry into this problem, led me to psychiatrist Dr. Lawrence S. Kubie's work on the subject of "the neurotic distortion of the creative process."³ My subjects were chiefly of the age

3. Lawrence S. Kubie, **The Neurotic Distortion of the Creative Process** (Lawrence, Kan.: University of Kansas Press, 1956) and "The Fostering of Scientific Creative Productivity," **Daedalus** (Spring, 1962).



Credite

The hideous story told in this still-influential novel parallels the moral degeneration of the Boomer generation.



Credite

A sexually mature neotenuous regression.

of World War II veterans, of my own age of that time, the forties, or a decade older. These were, thus, members of the age-interval of the parents of the Baby Boomer generation, and were usually representative, ideologically, of persons who leaned, by selection, to the typical executive-suite and related professional level, which were the subjects of **White Collar** and **The Organization Man** books, studies of that time.

Although these cases were, in that sense, of my own generation, they were, therefore, also the generation of the parents of the Baby Boomers; more to the point, they were part of the social-cultural transmission-belt which was complicit in the conditioning of the children of Baby Boomer age. The popularity of the then highly touted Dr. Spock among parents who were of my own generation, merely illustrates the point.

My own orientation in conducting these studies, was as I have reported extensively on this in published locations, my quarrel with the radically reductionist schemes of such figures as Professor Norbert Wiener, John von Neumann, and the crew of the Bertrand Russell tradition assembled around MIT's Research Laboratory of Electronics (RLE) of the late 1940s and early 1950s. From the vantage-point of the history of modern physical science, these typified the worst of the type of cases which Kubie's 1962 **Daedalus** report implied.

Actual human productivity is to be recognized in the

act of going outside the domain of presently extant, reductionist methods of thinking, to discover a principle of nature or of the human mind. The exemplification of this for modern European science, is Johannes Kepler's going outside the fallacious presumptions which commonly bounded the failed astronomical systems of Claudius Ptolemy, Copernicus, and Tycho Brahe, as teams of the LaRouche Youth Movement (LYM) have re-experienced Johannes Kepler's unique founding of valid currents of modern physical science, and are making corresponding breakthroughs of crucial relevance for creative scientific thinking, in the performance role of the Pythagorean comma in the J.S. Bach system of well-tempered counterpoint.

The nominally qualified scientific, or comparable professional is often incapable of breaking free of the prison-like, stultifying bounds of prior formal conditioning in a prevalent, stultifying obedience training in the reductionist view of mathematics associated with the Cartesian and more extremely radical-positivist forms of conditioning.

Kubie's 1962 **Daedalus** report focussed on the type of case represented by a once fruitful young scientist who had virtually lost his, or her, earlier show of capacity for fruitful original discoveries, a phenomenon which corresponds to my own experience with cases of professionals and others who have gone virtually brain-

dead, relative to their earlier show of intellectual fertility, about the time, often a time plus or minus the age of twenty-five, they face their oral and written hurdles for a post-Bachelor degree in their intended profession. On reading this issue of **Daedalus** I felt like shouting, “*Déjà vu!*” It pointed directly to phenomena which I recognized as my leading issue of conflict with associates of my own generation.

What I recognized, from the work of the relevant Josiah Macy, Jr. Foundation, and my recognition of the fraud permeating the doctrines of “information theory” and “artificial intelligence,” was that the characteristic of that pair of Bertrand Russell acolytes Wiener and John von Neumann, was their hysterical antipathy to ideas, both ideas representing experimentally validated discoveries of universal physical principles, and any representation of mankind which would be offensive to a hardened idiot-savant of the autistic type.⁴

It was clearly Bertrand Russell’s intention to go beyond even the positivist ideologue Ernst Mach in the effort to take actual ideas of principle out of the canons of science, by substituting mere mathematical formulations for notions of physical principle. However, Mach himself represented a far more radical case of empiricism than that of the Seventeenth- and Eighteenth-Century empiricist followers of Paolo Sarpi, Galileo Galilei, Sir Francis Bacon, Thomas Hobbes, et al. The reasons for the expulsion of both Wiener and von Neumann from Göttingen by David Hilbert (after his examining the content of the packages each of that pair represented) are relevant to the point under discussion here.

Abner Dean’s Cartoon

Even before the post-World War II cultural-paradigm shift led by Russell’s followers, the destruction of the creative potentials of promising young adolescents and others, is often associated with

4. Norbert Wiener, **Cybernetics** (New York: Wiley, 1948), and **The Human Use of Human Beings** (Boston: Houghton Mifflin, 1954). John von Neumann and Oskar Morgenstern, **Theory of Games & Economic Behavior** 3rd ed. (Princeton, N.J.: Princeton University Press, 1953). See also, the posthumously published von Neumann lectures on “artificial intelligence.”



Library of Congress

Dr. Benjamin Spock examining Mary Catherine Bateson, the daughter of Margaret Mead and Gregory Bateson. Spock, Mead, and her onetime husband Bateson were all instrumental in creating the rock-drug counterculture.

parents or other authorities who intimidate their charges with the threats: “When you have learned what your mother and your teachers have taught you, then you can allow yourself to think on your own.” I am often reminded, on that account, of an Abner Dean **New Yorker** cartoon, which portrayed a naked subject in a transparent casket, passing a vast crowd of naked admirers, with the captioned quote from the man in the casket: “I wonder what that was all about?”

Take the case of two “popular” types of business-management failures from my experience of the 1950s and 1960s, cases which have a certain kind of relevance for the state of the economy today. Put to one side cases in which technological incompetence in management thinking is the cause of a threatened business failure. Take the cases in which the corporate policies of ownership’s regressive lust for profit-taking, drive an otherwise well-managed operating firm into obsolescence, or a closely held organization in which the virtual tyranny exerted by the compulsions of a neurotic dominant figure forces the ruin of an otherwise viable enterprise.

In most of the cases of actual, or threatened business failures which I studied from the 1950s and 1960s, the threatened failure was not essentially technical. Usually, in any mature enterprise, the needed technology to meet the relevant challenge was already known, or accessible in principle. In the typical case where such a troubled firm required an outside consultant, the problem often

lay within a neurotic or kindred disorder in the management, or on an outside factor, such as the wife of a key figure, or other kinds of family influences on relevant personnel. When this cause of failed performance was lodged within the person of the “boss,” or some outside influences controlling his behavior, remedies existed only to the degree a relevant kind of outside factor were brought into play.

The case of the U.S. Bush Administration today, is typical of that sort of problem. There are many problems within the U.S. Federal Government today, but it is the fact that two pathological cases, the President and Vice President, have been embedded in the government, and are able to operate under the authority implicit in “9/11,” which has rendered correction of the dictatorial ruin of the U.S. economy caused by this mis-administration seemingly impossible, at least apparently impossible to cure, according to the view expressed by typically opportunist leaders with the current standard of political courage usually seen today. The leaders of the political parties have reacted, conspicuously, to the outrageous mismanagement exerted by the Bush-Cheney tyranny in much the same way as the intimidated employees of an enterprise run, top down, by a tyrannical mental case. This susceptibility is, qualitatively, much greater among the Baby Boomer generation, than my own generation.

However, in the case of the U.S., and the world today, there is something other than the U.S.A.’s internal management and related affairs behind the onrushing threatened general collapse of the world economy today. This compels thoughtful persons to look seriously at the problem of social *neoteny* of the generation born between approximately 1945 and 1956.

2. The Fruit of Sophistry

The origins of the methods used for mass-brainwashing of the post-war generation born during 1945–1956, are to be traced from the systemic features of the program of Sophistry launched against the culture of Athens by the Delphi temple of Apollo, to effect the self-destruction of Pericles’ Athens through what became the Peloponnesian War. The dialogues and letters of Plato are the primary source of systemic insight into that matter for society then, as now.

Between the ancient origins of Sophistry and the

launching of an anti-Franklin Roosevelt campaign to similar effect, that under the period of the Truman Administration and the following years, a fundamental change for the better had been introduced to European civilization by developments associated with the great ecumenical Council of Florence. The contributions of Cardinal Nicholas of Cusa, such as his prescription for the system of modern sovereign nation-states (*Concordantia Catholica*), his launching of modern experimental physical science (*De Docta Ignorantia*), and his prescription for what became the 1648 Treaty of Westphalia (his *De Pace Fidei*), are exemplary of the emergence of what became known in Louis XI’s France, Henry VII’s England, and the American colonies as the commonwealth form of society reflected in the Preamble of the U.S. Federal Constitution.

Despite the efforts of the resurgent Venetian financier oligarchy to regain its power through the fall of Constantinople, and the launching of renewed religious warfare with the 1492 decrees of the Satanic figure of Grand Inquisitor Tomás de Torquemada, the effects of the Fifteenth-Century Renaissance fostered a revolutionary change, called modern European civilization and its science.

On this latter account, the old Venetian financier-imperial model of the medieval times, could not work. Scientific and technological progress could not be suppressed any longer, not by old methods. In this circumstance, a new Venetian imperial model emerged, that associated with Venice’s Paolo Sarpi, his lackey Galileo Galilei, Sir Francis Bacon, Thomas Hobbes, et al. This Sarpi model proposed to tolerate innovation, but only within limits. The policy was to adopt and use the technologies which might be chosen by the financier oligarchy for this purpose, but to choke off the sources of human creativity at the throat. This fruit of Sarpi’s influence became the empiricist ideology of Hobbes, Locke, Descartes, et al., the forerunner of the more extremely depraved, contemporary European form of Machian and post-Machian positivism.

The principled feature of both empiricism and radical positivism is essentially the same as that of the Sophistry cults of the ancient Delphi Apollo cult, but the form in which the new form of Sophistry is expressed, being adapted to current realities, is different in mode of expression.

Through the follies of France, and London-steered wars on the continent, such as the Seven Years’ War, by

the time of the February 1763 Peace of Paris, the neo-Venetian empiricists' new design for imperial power, and London's orchestration of the French Revolution and the Napoleonic wars, had defeated every attempt of the efforts of the continent of Eurasia to wrest its freedom from the tyranny of the Anglo-Dutch Liberal form of imperial maritime power centered in the City of London, until the victory of U.S. President Abraham Lincoln over Lord Palmerston's puppets, the Confederacy, and the Hitler-like Emperor Maximilian imposed upon Mexico.

By the 1876 Philadelphia Exposition and the subsequent adoptions of the American model as a system of reference under Bismarck in Germany, in Mendeleyev's Russia, in Meiji Restoration Japan, and elsewhere, an insurgency of modern economic development among key nations of continental Eurasia, drove the Anglo-Dutch Liberals of Prince Edward Albert's London into a homicidal fit which became known as "geopolitics."

This fit produced two so-called "World Wars" of the Twentieth Century. When the world had been rescued from the Hitler threat by the margin supplied by President Franklin Roosevelt's U.S.A., the threat that the American model, as associated with the policies of that Roosevelt, would reform the post-war world, drove the Anglo-Dutch Liberals and British puppets, such as President Harry Truman, into new fits. Although neither Truman nor his masters could uproot Franklin Roosevelt's economic achievements all at once, by the aftermath of the assassination of pro-Roosevelt President John F. Kennedy, the Anglo-Dutch Liberals' "Trojan Horse" within the U.S.A. under President Richard M. Nixon, was on the road toward indicating a self-inflicted destruction of the U.S.A. from within.

However, the work of undermining and destroying the U.S. itself from within was already fully under way within days after the death of Franklin Roosevelt. The effort to turn back the clock of history to the days of unquestioned geopolitical reign of the Anglo-Dutch Liberal tyranny, did not surface until late in the course of the U.S. folly in Indo-China, but by 1981, with the wrecking of the Bretton Woods system and the uprooting of the foundations of U.S. economic prosperity in the FDR protectionist, "fair trade"-policies mode, the U.S.A. was already in the grip of an accelerating process of self-destruction, up to the

present day.

The induced "Baby Boomer" phenomenon, whose launching is centered in the 1945-1956 interval, is a crucial novelty which presently defines the present U.S. and global situation of today.

It should be apparent today, that were the U.S.A. to collapse, as certain leading political circles in both the Republican and Democratic parties appear presently committed to accomplishing this, there is no other force on this planet presently, which is capable of launching the general economic recovery needed to reverse the onrushing plunge toward an early general economic breakdown crisis of the planet as a whole.

The core of this development of the 1945-2006 interval to date, has been the destruction of the currently leading social-political stratum of the so-called "Baby Boomer" generation. By eliminating the characteristics of the U.S. population and political system which had been responsible for rescuing the planet from a threatened Hitler victory, the way has been almost cleared for a form of global imperialism called "globalization," a system of reign by the aggregated slime-mold-like blobs of predatory financier interests.

The irony of this is, that were those blobs to succeed in realizing this goal, the world over which they seek to reign, would be destroyed, and they, too, besides, by the effects of a lack of remedy for the general breakdown-crisis which menaces us today. If we lose in our efforts to defeat these blobs, civilization vanishes from this planet for some time to come, and the human population-level would probably fall to levels so low as to please even the evil specter of "Bertie" Russell. Clearly, the section of the U.S. population chiefly responsible for this mess, is the Baby Boomer stratum of relatively greatest economic and political influence. Their ideology, less by intention, than by its inherent mechanisms of preference-selection, is thus in deadly conflict with the survival of the U.S. as a nation.

The other way of identifying this irony is, the entire world would be plunged into a dark age unless the present trends in U.S. policy were not quickly reversed, as I have insisted.

'Hey Bub,' and I Mean 'Beelzeblob'

Toward the close of the 1970s and beginning of the 1980s, I authorized and outlined a series of researches

and publications. Although the work was actually done by teams of dozens of persons, authors' credit was given to but one or more of the members of the team. Typical was the case of a book, **The New Dark Ages Conspiracy**, which I pre-outlined in concept and general contents, which was actually produced by a team of researchers following my design. The pivotal figure treated in this publication was that of Bertrand Russell, a figure whom some British sources quite justly identified as "the most evil man of the Twentieth Century," a virtual "Beelzebub," Russell. The resulting book cited Russell and his associate H.G. Wells, as Liberally as they might have desired, and that chiefly in their own words.⁵

In Russell's 1953 **The Impact of Science on Society**,⁶ he wrote the following confession of his evil intentions toward the U.S.A. in particular. I quote from the passages of documentation presented in **The New Dark Ages Conspiracy**:⁷

But bad times you may say, are exceptional, and can be dealt with by exceptional methods. This has been more or less true during the honeymoon period of industrialization, but it will not remain true unless the increase of population can be enormously diminished. At present the population of the world is increasing at about 58,000 *per diem*. War, so far, has had no very great effect on this increase, which continued through each of two world wars.... War ... has hitherto been disappointing in this respect ... but perhaps bacteriological war may prove more effective. If a Black Death could spread throughout the world once in every generation, survivors could procreate freely with making the world too full.... The state of affairs might be somewhat unpleasant, but what of it? Really high-minded people are indifferent to happiness, especially other peoples'....

The present urban and industrial centers will have become derelict, and their inhabitants, if still alive, will have reverted to the peasant hardships of their medieval ancestors....

And, finally, Russell's frankly Liberal anti-Americanism, echoing the views of the dirtiest of the inner core of anti-U.S.A. Anglo-Dutch Liberalism within "The Club of the Isles," still today:

As for public life, when I first became politically conscious, Gladstone and Disraeli still confronted each other amid Victorian solidities, the British Empire seemed eternal, a threat to British naval supremacy was unthinkable, the country was rich, aristocratic, and growing richer.... For an old man, with such a background, it is difficult to feel at home in a world of ... American supremacy.

Such is the ideology which my esteemed predecessor Percy Shelley exposes in his "Ozymandias." That is the essence of Anglo-Dutch Liberal imperialism of Thomas Hobbes, John Locke, Bernard Mandeville, David Hume, Adam Smith, and Jeremy Bentham. That is the Liberalism of a Britain of William Wilberforce, which used its client, the Nineteenth-Century Spanish monarchy, to run the traffic in African slaves into the Caribbean and the southern states of the United States, until President Abraham Lincoln defeated the schemes of Britain's Lord Palmerston.

Why should they think otherwise than as Russell speaks in those excerpted passages? The British Empire was an outgrowth of the new Venetian financier-oligarchical system developed as the Seventeenth and Eighteenth centuries' Phoenix-like rebirth of the Venetian financier oligarchy's *ultramontane* form of imperial system. It was the modern outgrowth of the same oligarchical model, of the Roman Empire, Byzantium, and Crusader system, which treated the mass of human subjects of their imperial system, not as human beings, but as human cattle, as do the financier forces behind the "hedge funds" of today.

President George W. Bush, Jr., is essentially a pathetic creature. He is not really as much the President of the U.S.A., as he is a disease planted within the institution of the Presidency, placed there by George P. Shultz, et al., for the intended purpose of bringing about the destruction of the U.S.A., chiefly by its own hand. His has performed that service to our republic's adversaries, very well, especially considering his wretched intellectual powers. The Bush-Cheney Administration is the poison-pill which the U.S. has

5. Carol White, **The New Dark Ages Conspiracy** (New York: New Benjamin Franklin House, 1980).

6. (New York: Simon & Schuster).

7. Pages 76-77.

swallowed, for the pleasure of our European oligarchical adversaries. Pathetic Bush has done great service for our republic's deadliest adversaries in the conduct of his office during the recent six years; no existing external enemy could have destroyed us as much as his incumbency has done during the recent six years.

The relevant enemy of the continued existence of our U.S.A., is not the institutions of the British monarchy in the ordinary sense of those institutions. The British empire, as it actually exists today, is the Anglo-Dutch Liberal outgrowth of Paolo Sarpi's Venetian financier-oligarchy. It is essentially a vast slime-mold-like formation, composed of individualized blobs of private, predatory financier interest, as merely typified by the case in hand of Felix Rohatyn, preying upon the planet as a whole.

In order that that slime-mold-like collation might defeat that slime-mold's deadliest adversary, a U.S.A. in the immediate tradition of President Franklin Roosevelt, they have transformed a mass of our own children into what we call "Baby Boomers," creatures like President George W. Bush, Jr., planted, like dragon's teeth, to destroy our republic from within. As President, Baby Boomer Bush may not be very much as a man, but as a disease, he has had a flourishing success.

3. Social Neoteny at Work

The most insidious form of pertinent kinds of pseudo-Christian delusions, for example, is the notion that God and Satan are locked in eternal conflict. The faults which we may justly call evil, are not a failure of the Creator, nor of the design of His universe, but of the inadequate self-development, or regression among human individuals, and of society at large. The problem of social *neoteny*, merely typifies the lack of development (in this case, a forced reversal of cultural development), as I have identified Baby Boomer *neoteny* as an instance of regression rather than merely underdevelopment.

As I have emphasized, here, thus far, this forced corruption of the relevant stratum of children born during the 1945–1956 interval, must be seen as the fresh way in which this matter of good and evil must be viewed from the interior of the contemporary internal experience of globally extended European civilization. It is man, not the Creator, which has failed mankind. It

is the toleration of oligarchical systems, such as the Anglo-Dutch Liberal system, or the Venetian financier oligarchy before it, which is the exemplary incarnation of evil.

In approaching what will be, a space ahead, the concluding argument of this report, consider the following line of preparatory argument.

Science should have prompted us to recognize that the universe is very well designed in principle; there is no evil in its creation. The issue of evil, or simply failure, is a matter of the implicitly assigned role of man and woman, as assigned so by the Creator, the man or woman who is intended to join with the Creator in the endless process of continuing to perfect (i.e., develop) universal creation. When man fails to develop the capacity and will to act with understanding of that, his or her assigned destiny, then mankind, not God, fails.

On this account, it is probably certain, that the human species is eternal, at least in its immortal, creative-intellectual form of individual personal existence. On this account, it is already clear to those among us who know something of the history of our planet over the recent six- to ten-thousand years, and more, that the aspect of the human mind which belongs to the higher universal phase-space termed the *Noösphere* by V.I. Vernadsky, that man is good in principle, from birth, for as long as he, or she, adheres to the assigned, principled form of mankind's specific, higher mission of existence within the universe.

On this account, mankind is designed to serve as the hands of the Creator's mind, by aid of the flesh, in service of the creative powers of the mind, mobilized according to this essential intention.

Unfortunately, those men and women who are of little minds, "Who, me?" minds, are like the Biblical Jonah, and make themselves like pitiable creatures, who permit effects which we may regard as evil. So, they flee, like the Biblical Jonah within a big fish, sometimes called the "popular opinion" of little minds, such as "Baby Boomerism," fleeing from the mission to which each is implicitly called upon to serve by the Creator. (As I recall the Biblical account, even the big fish grew disgusted with Jonah, and threw him up: a fit tale to be told to our all too typical political officials and aspiring candidates of today.)

Mankind's grandeur within the universe lies with the individual's commitment to a higher purpose, one which promotes the Creator's intention of further



EIRNS/Steve Carr

An abandoned factory in Indiana. The Boomers decided, "I do not like people who do factory work, or who associate with farmers using high-technology methods." The results can be seen in the collapse of our physical infrastructure today.

development of this universe, and of the other people within it.

The Nature of Evil

The standard form of expression of evil, is the impulse among some peoples, to subjugate other persons to the virtual status of hunted or herded human cattle, as by such means as "regime change." The authentic image of Satan, the essential personality of evil, is the image of what errant mankind created as the Olympian Zeus of Aeschylus' **Prometheus Bound**, who, in that drama, prohibits a creature made in the image of the Creator, man and woman, from expressing the creative powers for change in the universe which distinguish mankind from the mere beasts. The image of Satan is the image of oligarchism, the image of imperial Rome, of imperial Byzantium, of the *ultramontane* system under the Venetian-Norman tyranny, and of the imperialist program of "globalization" by Anglo-Dutch Liberalism today.

In this standard form of expressed evil, which all forms of empire and their approximation typify, the oligarch degrades himself to virtual trash in the eyes of the Creator by his abuse of those, whom his whims

degrade to the condition of mere human cattle. The most pitiable of all, are those, like our Baby Boomers, who need not be degraded, because they have already degraded themselves. Harsh? Not at all: *necessary!*

As many parents will recall: *tyranny is a world in which burly, over-sized two-year-olds rule!* Aged parents, abused by their own children or grandchildren, like the night nurses with the pillows of euthanasia, typify such expressions of evil. That, most simply illustrated, is the same quality of evil which occupies the essence of social *neoteny*.

So, the essence of childishness in the adult, is a young adult, or even an adolescent, who is a two-year-old in an adult's body, exerting adult authority. This can

be the result of growing up in a jungle-like ghetto; it can be, simply, the fruit of what is sometimes called "permissive" child-rearing. The correlative of "growing up," is the efficient assumption of an efficient sense of responsibility which, in its progress, approaches that of, and reaches the requirements of an adult functioning according to the requirements of a modern, and progressing society. This means, a scientifically and technologically progressing society.

The image of the human swine, is the adolescent child of an oligarchical family given adult degrees of authority over an actual adult population, especially if that adolescent has many of the behavioral characteristics of a two-year-old. The image of President George W. Bush, Jr., fits in there somewhere.

Such are the conclusions readily proffered by those with experience of life in our society generally. The issue on which our attention must be focussed here, goes to a specific kind of set of circumstances, typified by the rearing of the typical Baby Boomer in influential positions today. *What happens, as has been done to the populations of the U.S.A. and western and central Europe today, if the imposition of this kind of **social neoteny** is the policy for guiding the rearing of an entire generation of the upper twenty-percentile of a*

generation? What results if the standard of behavior for the members of such a generation is pushed down to such effects that we have young adults with personality characteristics of an adolescent, a pre-adolescent, a child, an infant?

Take the generation of the 68ers associated with the university student population of the late 1960s in the Americas and western and central Europe. What are we hearing when we hear the echoed flavors of “baby-talk” in the speech of young adults of university-student populations?

You are trying to make a slave of me by stuffing me with luxuries? (Just give me money instead).

I do not like people who do factory work, or who associate with farmers using high-technology methods.

Progress must be stopped! We must go back to a natural way of living! (—like beasts!)

I need pot, LSD, and other tools of the trade of escape to obscene fantasy, to fix my head, and still my mind!

I do not work with (nor, perhaps, wash) my hands.

Where is the modern Hogarth to sketch such a crew in full bloom? Such was the escape from reason all too typical of the “68er” generation in its fullest bloom.

And, so on.

The Children of Satan

Weaned puppies and kittens are known as adults of their species. Some human specimens never actually reach that higher state of development; their potential as an adult human being is suppressed along the way from birth, but they tend to become sexually mature, although fixed by conditioning into the personal cultural qualities of relative human *neoteny*. We witness an example of this as a typical specimen of pure, neotenus evil, in the armed gangs of locust-like, Kalashnikov-armed pre-puberty children, as killers run amok from within, and against the people of sub-Saharan Africa. We see the same principle expressed in the pathologies typical of the “68er” of today.

The transformation of a conceived human fetus, from the personality already manifest in the development at about six-month’s maturity in the womb, to the adult

personality which is normally manifest in the weaning-process from adolescence to youthful maturity, is a lawful process when it occurs in a healthy mode. To suppress, or reverse any among the normal phases of sovereign development of the human personality’s social behavioral orientation, implicitly produces in a surviving adult specimen, an individual with the physical attributes of an adult, but the arrested emotional development (as it is often called) of a child, adolescent, or even a virtual infant.

Such arrested development of the maturing individual’s cultural development as a social individual, does something much worse than halting the progress of the individual to true adult maturity of the personality; it produces a diseased form of personality, as merely typified by the notable case of the childish schoolyard bully, or homicidal and related traits met among children’s and adolescents’ gangs.

The notable distinction between such phenomena in and of themselves, and the problem associated with the political role of the Baby Boomer generation today, is that the knowledge of such social phenomena was used, wittingly, by agencies such as circles associated with the Josiah Macy, Jr. Foundation, and the Congress for Cultural Freedom, to destroy the legacy of the U.S. Franklin Roosevelt Administration, by turning the relevant strata of what were, socially, presumably upward mobile families’ children into a generation of monsters, both in Europe and the Americas, most emphatically.

This echo of the Sophistry with which the Satanic Apollo cult of Delphi induced Pericles’ Athens to destroy itself, with criminal intent, and with criminal energy, into what became the destruction of Classical Greece through the Peloponnesian War, is exemplary of the meaning of Satanism: the transformation of the most promising new generation of the young into the instruments of bestiality by which their culture is self-destroyed.

Poor George Bush has done many evil things; but, he was not the true author of evil; he has been merely the corrupted instrument of the evil by which the U.S. today, and much more, is in the process of imminent global self-destruction.

We could survive this threat; the price of survival of our civilization now, is the degree of willingness to be found among even Baby Boomers, to change themselves while the opportunity to do so still exists.

III. Science and Economics

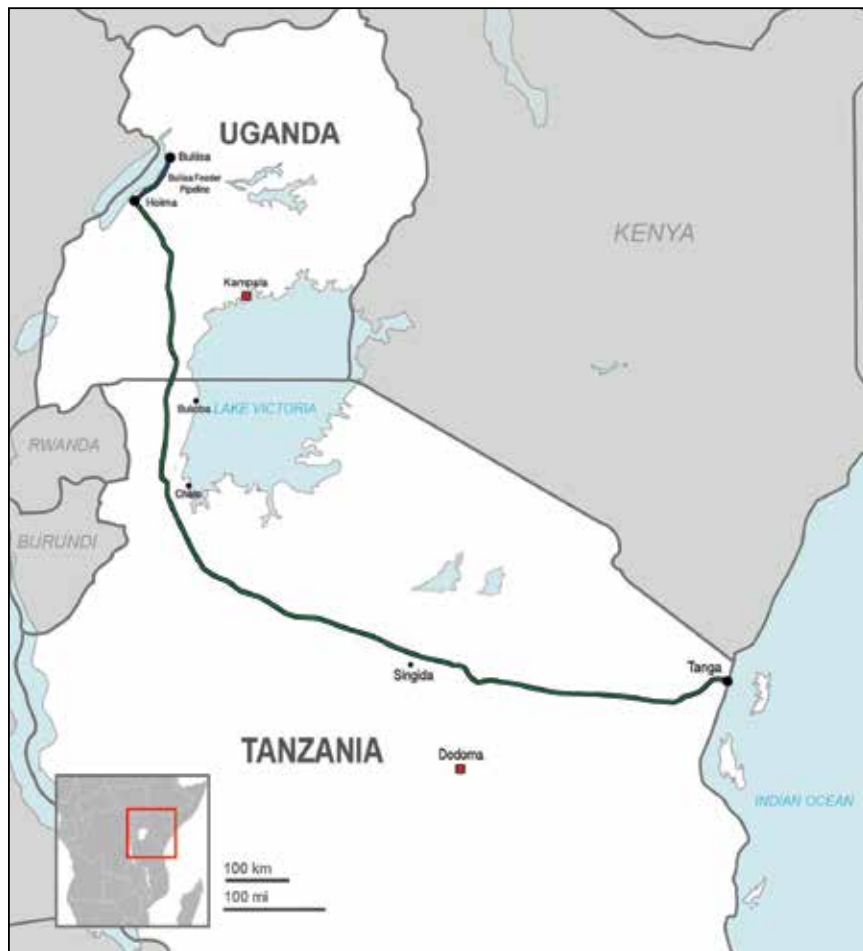
EACOP and the Battle for African Development: Zeus vs. Prometheus

by Liam Murphy

Dec. 29—The East African Crude Oil Pipeline (EACOP) is a project in the works to end energy poverty in Uganda and Tanzania. It is a project that exemplifies the shift in Africa and the world at large away from “green” colonialism and to a new paradigm of win-win development and cooperation with other sovereign nations. EACOP is emblematic of the end of the colonial suppression of African development, as the continent pivots away from the West and in particular to China and its Belt and Road Initiative.

EACOP is a planned, 1,445 km crude oil pipeline proceeding from the Lake Albert oilfield in western Uganda, southeastward through that nation (with a population of 49 million people), and through Tanzania (62 million) to the Indian Ocean at Port Tanga. A \$10 billion agreement was signed in 2020 for the project, which will provide energy directly to these economies, export revenue, and mutual-benefit trade in the Indian-Pacific Ocean Basins as well. Eighty percent of the pipeline is in Tanzania, but the pipeline poses a way for landlocked Uganda to export oil to the wider Far Eastern world.

EACOP goes against the global “green” agenda, which seeks to ban fossil fuels and economic development, and EACOP defies, in particular, the premises of the 2022 summits of COP27 on climate change and COP15 on biodiversity. At COP27 in Egypt,



Wikimedia Commons

The planned route of the East African Crude Oil Pipeline from the Lake Albert oil fields in landlocked Uganda to Tanzania's Port of Tanga on the Indian Ocean.

U.S. Climate Envoy John Kerry said that the pipeline and all hydrocarbons must be “reconsidered.” At COP15 in Montreal, many green gurus denounced EACOP for planning oil wells in Murchison Falls National Park, where they said wildlife biodiversity will be harmed. But Uganda and Tanzania are

proceeding with EACOP, regardless.

The Ancient Struggle Against Oligarchism

Greek mythology provides a metaphor for the conflict between a humanity yearning for progress, and an oligarchy determined to dominate everyone else. In the Prometheus story, Prometheus is a titan who sympathizes with the humans who are being kept helpless and backward by the pantheon of the gods (Lyndon LaRouche once speculated that the Greek myths were tales of actual oligarchic families, whose deeds were exaggerated and embellished through generations of story-telling.) Prometheus steals fire from the gods, and gives it to the humans, which represents the beginning of technology in human civilization. An enraged Zeus, chief of the gods, condemns Prometheus to endless torment for disrupting his preferred, “sustainable” form of human society, but Prometheus refuses to capitulate. This conflict is being played out again today with the struggle against “green” colonialism.

Energy Poverty in Uganda

According to the latest [statistics](#), up to 90% of Ugandans use charcoal from local forests to heat their homes and cook their food. In 2012, up to 80% of [Ugandans](#) also used “tadooba” open-flame paraffin (kerosene) lamps to light their homes, resulting in fires that claimed lives and destroyed property.

Furthermore, according to a 2005/6 Uganda National Household Survey, 16% of the household expenditure of a typical Ugandan family goes towards fuel and energy. The study states that, “Most of this expenditure goes to the fuel service stations, where seven out of every 10 Ugandans buy paraffin to fuel their tadooba. Each household spends an average of Ush180,000 (US\$92) per year on paraffin, making it the only largely affordable means of light in rural homes despite the fire risks it poses its users.”

Although these percentages have dropped [substantially](#) in recent times, with over 93% of residents in Kampala, the nation’s capital city, having access to grid electricity, in rural areas, electricity access remains very low. In particular, in the Karamoja sub-region, less than 1% of householders have access to grid electricity.

And the gains in electricity access have come with a huge fight. The formal energy economy in Uganda has thus far struggled to develop under the boot of British colonialism. The Ugandan energy grid relies on a largely inadequate hydropower system whose further

development has been fought tooth and nail by a swarm of western NGO “environmentalist” groups.

Western Opposition to EACOP

As a consequence of colonial policies, Ugandans today live in an energy apocalypse where the growing and young population experience blackouts as a part of everyday life. Hospitals are among the biggest consumers of energy, and when they experience blackouts, people die.

Even when Uganda attempted to build modern “sustainable” hydropower stations, their country was flooded with foreign influence, and [NGOs](#) peddling “environmental concerns” and “human rights” as pretexts for Uganda to remain in energy poverty. Today, when Uganda is attempting to develop its oil and gas industry, these NGOs are using the same playbook to sabotage African sovereignty. While Al Gore and other Western advocates promote “environmentalism” and “green transitions,” they leave Africans to chop down trees for fuel, rather than develop their own independent and sovereign industries.

On September 14, 2022, a joint [resolution](#) was filed in the European Parliament and was voted up the next day, titled, “On Violations of Human Rights in Uganda and Tanzania Linked to Investments in Fossil Fuels Projects,” which condemned the EACOP project. The resolution called “for the EU and the international community... to put an end to the extractive activities ... [on the] shores of Lake Albert.” The resolution called for TotalEnergies, one of the principal partners in EACOP, to delay participation by a year, and in effect, drop out; and for banks globally to formally decline to fund the project.

In conjunction with the EU resolution, an army of U.S.- and City of London-backed NGOs formed the “[Stop EACOP](#)” movement to pressure companies, governments, and policymakers to denounce and sabotage the project. The resolution calls upon the Ugandan government, which took away authorization from 54 of these NGOs, to re-authorize them and grant them “free, meaningful and unhindered access to the oil zone.”

Ugandan President Yoweri Museveni, among Africa’s longest-serving leaders, has strongly denounced Europe for returning to fossil fuels, while telling Africa it must not use them. Moreover, he called it “reprehensible, brazen double standards” for Europe to approve investment in African fossil fuels only if

they are to be exported to Europe! “We will not accept one rule for them and another rule for us,” he wrote in a blog in November during the UN’s COP27 climate meeting in Egypt. “It is morally bankrupt for Europeans to expect to take Africa’s fossil fuels for their own energy production, but refuse to countenance African use of those same fuels for theirs.”

Resistance to this attempted coercion has been strong. Members of the International LaRouche Youth Movement are developing a dossier on the whole list of NGOs supporting the Stop EACOP movement and their links to British Intelligence, Washington D.C. think tanks and funds, the World Economic Forum, and the Open Society Foundation, to name a few. The large majority of this movement’s funds have been obtained from the Ford Foundation, the Rockefeller Foundation, and a deluge of spending by the U.S. Congress for loans and grants to NGOs, especially under recent Democratic leadership. For example, U.S. State Department funds are going to the Stop EACOP group via the conduit of the Environmental Justice Foundation (EJF) according to the Stop EACOP website.

Green Fascist Asset: Bobi Wine

Among the forces of colonial counter-development and the “degrowth” movement, or what is sometimes called “green fascism,” is the CIA- and MI6-backed Ugandan presidential candidate Bobi Wine. In addition to Wine’s obvious connection to Washington as a sponsored graduate of the Harvard “Leadership in the 21st Century” program, Wine has lately had Zoom meetings with Juan Guaidó, the U.S. government’s comical choice to lead oil-rich Venezuela in an abortive coup against President Maduro. The gall that Wine showed in posting his meeting with Guaidó to his social media only further reveals the obvious and open threat against African sovereignty that Wine represents.

And that is quite apparent from Wine’s rejection of both Russia and China, actively demonizing them and openly making a music [video](#) in Ukraine, singing in “solidarity” with those seeking to eliminate Russian-speaking Ukrainians. Furthermore, he has been spear-

heading demonstrations within Uganda against the launch of the EACOP pipeline project.

All of the above demonstrates the active role that the West is playing in fighting the construction of EACOP. It also reveals the geopolitical nature of the “climate crisis” lie and its use as a lame excuse to maintain energy poverty within, and thereby colonial control over, Africa.

EACOP Benefits

When EACOP is completed, it will be the world’s largest heated crude oil pipeline. The pipeline is heated because the Ugandan crude oil is particularly sweet and sticky. This oil was first discovered by drilling in the Lake Albert area of Uganda in 2006. Further exploration and appraisal were completed in 2014. In the period of 2016-2018 the EACOP route was studied and narrowed down to its final width of 30 meters, allowing the Government to then initiate land surveys and “Environmental and Social Impact Assessments.”

The 24-inch insulated pipeline will be buried along its entire length with the top of the pipe being one meter below the surface. Once constructed and buried, the topsoil and surface vegetation will be reinstated, people and animals will be able to pass freely across, and it will pass under points of intersection with other infrastructure such as roads, rail lines, or cables.

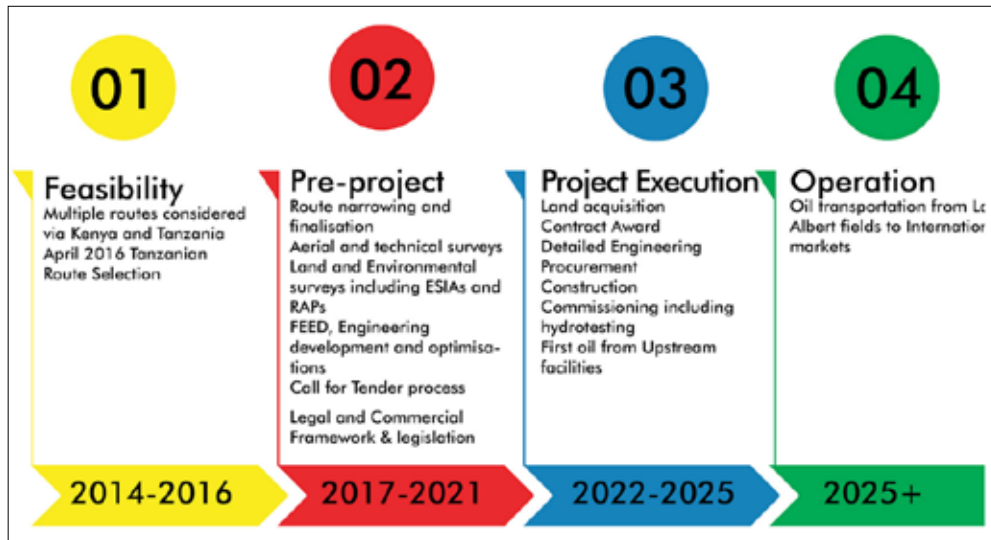
The project is currently in its third phase, “Project Execution,” where procurement and construction are taking place. The EACOP Company is the entity representing the major shareholders, the Tanzania Petroleum Development Corporation, Uganda National Oil Company (UNOC), TotalEnergies E&P Uganda, and CNOOC Uganda (China National Offshore Oil Corporation). The plan projects getting oil to the overseas markets by 2025.

EACOP will pay taxes and duties to the Ugandan government and has developed a Transport and Tariff Agreement (TTA) setting out the terms and conditions for EACOP to transport oil. Under the TTA, EACOP will receive an income in the form of a tariff charged for each barrel of oil transported. EACOP takes custody of the oil



CC/Mbowasport (Ron Mbow)

The CIA- and MI6-backed Ugandan Presidential candidate, Robert Kyagulanyi Ssentamu (Bobi Wine).



EACOP

The EACOP project schedule from 2014 through 2025.

at the flange immediately after the upstream fiscal metering until the loading flange on the marine jetty in Tanga bay. The ownership of the oil remains with the upstream shippers (Government of Uganda, TotalEnergies E&P Uganda, CNOOC Uganda, and UNOC).

Completion of the EACOP project will result in the maximum production of 216,000 barrels of oil a day, with 60,000 barrels a day being refined in Uganda. With this oil, Uganda will meet the energy demands of its incredibly young and growing population. (In 2013, 78% of Uganda's population was under the age of 30.)

Including the downstream, midstream, and upstream revenue opportunities, the project will net the Ugandan government an estimated \$69 billion of revenue with \$2 billion of revenue annually. Twenty-five percent of this revenue will be spent on the repayment of loans.

The project's roughly 25-year life span has dismayed many environmentalists, as it would extend Uganda's fossil fuel future far beyond many of the radical energy transition pledges.

The government can invest this yearly revenue in housing, hospitals, schools, power plants, the development of value-added industries, and more. With the energy it generates with its fossil fuel industry, it can also invest capital and energy in developing nuclear power plants to guarantee the future of Uganda's energy economy after the EACOP projects lifespans ends.

The project is furthermore estimated to create 80,000 jobs, both directly and indirectly tied to the pipeline. This number does not include the jobs that may be created by the reinvestment of the revenue

generated.

Overall, it is clear that EACOP will transition Uganda into a modern economy with a brighter economic future, helping it recover from the after-effects of the 19th-century Imperial British East Africa Company and its successors. Without the West's stranglehold of African energy and sovereignty, African nations will have more freedom to bargain with the West and the East on their own terms,

endangering the unipolar "rules-based order" and dollar hegemony.

That is why it is clear that the resistance to EACOP from Western NGOs is reflective not of their wisdom, charity, and respect for the environment, but in actuality, the interest of Western oligarchs and their desire to crush the emerging "win-win" "peace through development" paradigm offered by the Chinese Belt and Road Initiative (BRI) and the proposed "World Land-Bridge" plan of the Schiller Institute.

Africa-China Collaboration on the Belt and Road

When Xi Jinping was first elected to the Chinese Presidency in 2013, he went on an international tour; Tanzania was one of his major stops.

In China, Tanzania is seen as the "Gateway to Africa" and a major player in the Belt and Road Initiative. In 2013, Xi signed a huge deal regarding investment in Tanzanian ports, transforming the Tanzanian coast into a modern economic development corridor.

Today, Tanzania and China are closer than ever before. On November 3, President Xi Jinping held talks with President Samia Suluhu Hassan, and Tanzania and China signed the Joint Statement on Establishing a Comprehensive Strategic Cooperative Partnership between the People's Republic of China and the United Republic of Tanzania.

The draft detailed the two countries' growing trust and cooperation with each other in the context of the

strategy for the Belt and Road Initiative. It also highlighted China's commitment to work together with Tanzania to advance and upgrade the Tanzania-Zambia Railway, originally built in the 1970s with Chinese support. The railway connected the port of Dar es Salaam on the Indian Ocean to the town of Kapiri Mposhi in Zambia's landlocked Central Province. This railway became known as the "Freedom Railway" for the opportunities it opened up for the East African economy.

In addition to agreements to modernize the Freedom Railway with modern high-speed rail, the two leaders signed agreements such as a draft to invest \$56.77 million in Tanzania to support the Zanzibar International Airport in its Terminal 2 project. China has also agreed to deals to further modernize and develop Tanzanian ports such as the Port of Tanga (where Ugandan oil will be exported).

The Chinese connection to EACOP is significant as well.

The China National Offshore Oil Corporation (CNOOC) is a 28% stakeholder in the downstream project of extraction in the Lake Albert Oil Fields where the EACOP project begins. Several Chinese banks have invested hundreds of millions of dollars into CNOOC and their work on the EACOP effort.

Furthermore, China has been a pivotal force in developing Uganda's own energy industry. In 2019, Makerere University agreed to a memorandum with the Chinese University of Petroleum. The memorandum recognized the Chinese University of Petroleum as the cradle of talent in China's growing petroleum industry and its dedication to specialized training in the petroleum and petrochemical industries. The memorandum "seeks to leverage the expertise of the UPC to establish the Institute of Petroleum/Geosciences at Makerere University" and "agreed to jointly apply for funding from international agencies to support a state-of-the-art petroleum engineering lab at Makerere University." Since signing, Makerere University and UPC have also agreed to cooperate on student and staff exchange programs. The Chinese Embassy has also funded scholarships for Ugandans to attend Makerere University.

This educational cooperation between Uganda and China has been of central importance to the growing talent on display at Makerere University. The LaRouche Youth Movement met with Rahma Nantongo, Chairperson of the Makerere University Petroleum and Geology Society (follow her on Twitter: @Rahma_Nantongo) and were inspired by the commitment she and other Ugandan government, business, and youth leaders demonstrate in their mission to end energy poverty in Africa.

They held discussions with the LaRouche Youth Movement, including this author, both privately and on Twitter spaces, reporting on the misinformation being spread about EACOP. They informed us about what they have been doing to address misunderstandings



President Xi Jinping welcomed Samia Soluhu Hassan, President of the United Republic of Tanzania, in a state visit to China, Nov. 3, 2022.

about EACOP. But above all, they expressed their anger toward the European Union and their anger toward what they feel is complete hypocrisy coming from the West.

They asked why was it that the West is permitted to develop and consume oil as it desires, while meanwhile telling African countries not to develop their own industries. Many of them went so far as to outright denounce the ideology of "climate crisis" as fearmongering and an act of colonialism. One participant called climate change an outright fraud, concocted to combat African development. (You can listen to this dialogue [here](#).)

While the discussion of the science involved in climate change, and the fact that there is no current "climate emergency," is best left to another article, it is worth affirming that CO₂, far from being a pollutant, is

the elixir of life. Climate deaths are down 98% from where they were a century ago, due largely to modern infrastructure development, powered by fossil fuels.

While we should try to understand how and why the climate changes, the key to avoiding deaths due to climatic weather events is to eradicate poverty and ensure that every man, woman, and child has access to clean drinking water, quality healthcare and sanitation, transportation and housing, nutritious food, and classical education.

Increasing our Energy-Flux Density and creating an anti-entropic society is the number one way we can ensure that we increase quality of life while beautifying and establishing dominion over the environment. Doing so requires energy, and until we develop nuclear fusion capabilities, fossil fuels are crucial to the equation. By investing in and building the physical economy of Uganda and Tanzania, China is not only ensuring that fewer people die in Africa from weather events or so-called “Global Warming,” and not only helping to #EndEnergyPoverty, but is furthermore helping to bring Uganda into a New Paradigm outside the grip of the Rules-Based Order and the hegemonic and colonial West.

A New Paradigm

Beyond ending energy poverty, the development of EACOP is just one part of the overall development paradigm emerging from the Belt and Road Initiative in Africa, Eurasia, and across the East and other “undeveloped sectors.”

By building EACOP, landlocked Uganda will have a global export market for its oil industry with access to the eastern coast of Africa through Tanzania. It can export oil to countries from South Africa to Pakistan, India, Myanmar, or China. China in particular will almost certainly wish to import Uganda crude, considering its massive stake in the project. Or otherwise, China and the EACOP exports may be part of mutually beneficial trade deals arranged with



<http://KraCanal-MaritimeSilkroad.com>

This map of the proposed site of the Kra Canal shows how it will provide a time-saving alternative route to the shipping bottlenecks in the Malacca Strait and Singapore Strait.

multiple cross-trade partners.

To maximize the opportunities for trade and cooperation between China and the nations of Africa, another issue must be addressed, which is needed to expand maritime traffic corridors. The Strait of Malacca, located between the Malaysian peninsula and the Indonesian island of Sumatra, is one of the most highly congested and trafficked waterways in the world, due to its crucial geographic position as a connection point by sea between the Pacific and Indian Oceans.

With more economic cooperation between Africa and Asia, including growing African exports, the Strait of Malacca will have difficulty handling the extra traffic. This is where a profound application of human creativity and engineering is necessary. The proposed canal through the Isthmus of Kra in Thailand is an ambitious project that would greatly economize and expedite travel between East Africa and China as well as Cambodia, Vietnam, and even Russia. Creating the Kra Canal as part of the wider Belt and Road Initiative would mean a far more connected and cooperative Africa and the East, truly making East Africa the “Gateway to Africa” for the Eastern World.

The Belt and Road projects in Uganda and Tanzania are playing an interlocking role with other Win-Win developments such as those occurring in Pakistan with the China-Pakistan Economic Corridor and the

potential developments in Thailand with the Kra Canal.

(*EIR* and its founder, Lyndon LaRouche, have been involved in the promotion of the Kra Canal project since 1983. The June 2016 [article](#), “Kra Canal: ‘One of the Greatest Achievements of Modern History’,” provides a brief history of that organizing process, and an updated view of the possibilities in the BRI era.)

By working together on physical development and incentivizing “Peace Through Development” and Win-Win Cooperation, the BRI is spurring economic activity that is mutually beneficial for all parties involved and producing rapid improvements in the quality of life for citizens of involved countries. Essentially, China is exporting the physical economic approach that brought 850 million Chinese citizens out of poverty.

This is why the globalists in Washington, Wall Street, and the City of London are desperate to stop projects like EACOP. It shows why they are desperate to demand that African countries remain in energy poverty as a sacrifice to so-called “sustainable development goals.” Western oligarchs would rather “rule in hell than serve in heaven,” as Satan declares in Milton’s *Paradise Lost*.

The Gift of Fire

Today it is the West and the globalist oligarchs that represent Zeus, and it is China and the new “Win-Win” peace through development paradigm that represent Prometheus. The Belt and Road brings Humanity energy, the gift of fire, and the path forward to “be fruitful and multiply.”

Uganda has a right to fire. And the Ugandan government has a right and an obligation as a state to supply its people with abundant energy. Uganda must be sovereign to choose its own path to development, build its own nation, and end energy poverty. And it has thus far done so through its efforts to develop its oil and gas industry and the role it is playing in the Belt and Road Initiative.

With a functioning and prosperous oil and gas industry, Uganda will unlock the gift of fire. With Uganda now also in talks with Russia and China to develop a nuclear power industry, the prospects for a complete transformation of the African energy economy and the creation of a prosperous and energy-abundant future are on the horizon. If Uganda’s youth leadership can overcome and defeat the Green Fascist threat, Uganda’s young population has a bright future to look forward to.

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The BRICS countries have a strategy to prevent war and economic catastrophe. It's time for the rest of the world to join!

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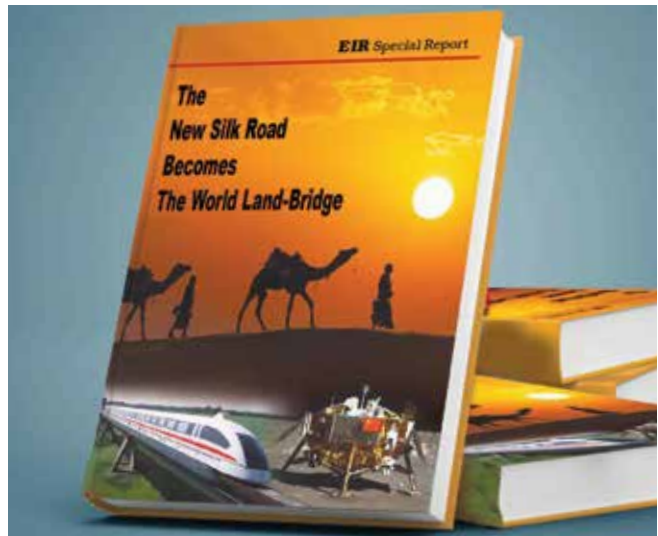
Includes:

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Prof. Vladimir Voeikov

Vernadsky's Concept of Living Substance, with Emphasis on the Fundamental Role of Water in its Existence, Properties, and Development

This is the edited transcript of the presentation of Vladimir Voeikov to Panel 1, "Vernadsky's Revolution in Science and Thought," of the Schiller Institute's Nov. 12, 2022, Conference, "The Physical Economy of the Noösphere: Reviving the Heritage of Vladimir Vernadsky." Dr. Voeikov is a professor in the Faculty of Biology at the Lomonosov Moscow State University. Subheads have been added.

The full conference video is [available](#) on the Schiller Institute website.

Dear Colleagues,

It is my great pleasure and honor for me to participate in this remarkable meeting devoted to reviving the name, ideas, heritage, and mission of the great Russian-



Schiller Institute

Prof. Vladimir Voeikov

Ukrainian scientist Vladimir Ivanovich Vernadsky. I am very thankful to Mr. William Jones for the invitation to present a talk here.

I got acquainted with Vernadsky's works many decades ago when I was a post-graduate student in the Faculty of Biology at Moscow University. From my reading, I understood that the biology at that time, even modern biology, nearly completely ignores Vernadsky's teaching about living substance as the primordial entity, the engine of the development of the universe.

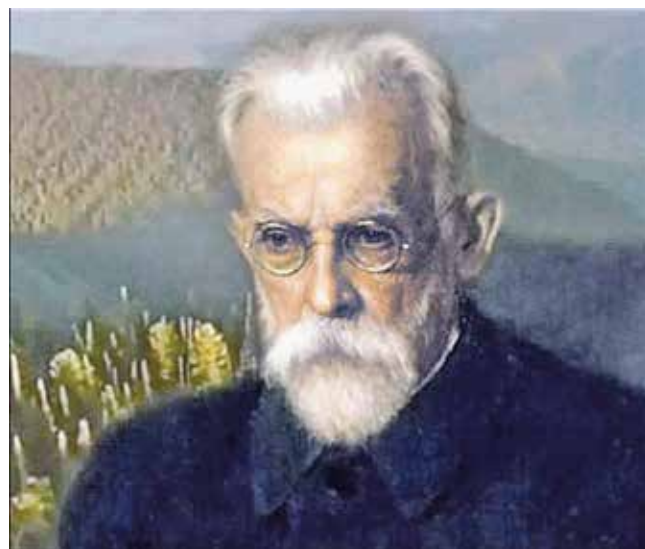
Since that time, I have worked on many projects, but I have continued to keep in mind Vernadsky's assertion that something is wrong with the scientific understanding/conception of living matter.

Only about two decades ago, I began to realize that water is the mother of all life, as Albert Szent-Györgyi insisted, while biology practically ignored this. I remembered that Vernadsky also assigned water a central role in the biosphere, so I suspected that real (natural) water may be the essence of animated states of matter, and that the funds developing research in water science may help to promote Vernadsky's overall teaching of living matter.

That is why, in this message that I suggest to your attention, I'll try to synthesize Vernadsky's concept of "living substance," and modern ideas about the functional role of water in life.

I titled my presentation, "Vernadsky's Concept of Living Substance, with Emphasis on the Fundamental Role of Water in its Existence, Properties, and Development."

Living matter was a very important notion for Vernadsky. In 1920, he wrote in his diary:



Vladimir Ivanovich Vernadsky



CC/Greg Rakozy

“The Cosmos is unthinkable without matter, energy, and space. But can it exist as we know it without life?” —Vladimir Vernadsky

I began to realize clearly that I was destined to tell humanity something new about living matter, and that this is my vocation, my duty, which I must carry out, as a prophet who feels a voice within himself calling him to action.

In 1922, he wrote a small brochure, titled “The Beginning and Eternity of Life.” In his brochure, he was talking about most important questions for biology and for the universe in general:

- The Cosmos is unthinkable without matter, energy, and space. But can it exist as we know it without life?

He named *thinkable mechanisms* of the emergence of life, which were discussed at that time:

- *Abiogenesis (Archeogenesis)*—that all living things originate from dead matter.
- *Heterogenesis*—that all living things originated both from inorganic (dead) matter, and remnants of living things.

But, he insisted that these mechanisms were just hypotheses that had never been proven. Maybe they are right, maybe they are wrong, but what we knew for sure at that time about such great facts, he called an “*empirical generalization*.”

- *Biogenesis*—that “All living beings come from living beings.”

Vernadsky reminded us that it was the Italian naturalist, Francesco Redi (1626-1697), who proclaimed that principle, “*omne vivum ex vivo*.”

Studying this problem, Vernadsky came to several empirical generalizations for living matter (living substance), as put forth in the Introduction to his book, *The Biosphere*, published in Prague in 1926:

- Life did not originate from stagnant (inert) matter;
- There have never been lifeless epochs on the planet;
- The current living matter is connected with the previous one, so all life is unified in its basic properties;
- Its chemical effect on the environment has always been the same;
- There were no big changes in the quantity (rather than quality) of living matter, and therefore in number of atoms captured by it;
- Living matter “works” on solar energy, *chiefly*.

I have stressed here the word “*chiefly*,” to indicate that living matter may work not only from solar energy.

I have already used a couple of terms, “living matter,” and “living substance.” What is the difference between these two terms? I have translated the Russian term “*Живая Материя*” (“*Zhivaya Materiya*”) as “Living Matter” in some cases, and “Living substance” in other cases. Here is the citation from Vernadsky:

I will call Living Matter the totality of living organisms, expressed in weight, in chemical composition, in measures of energy, and in the nature of space (special geometry).

Living Matter is more or less continuously distributed on the Earth’s surface. It forms a thin but continuous cover on it, in which it concentrates the free chemical energy generated by it from the energy of the Sun.

This layer, the Earth’s shell, is the *Biosphere*. It represents one of the most characteristic features of the organization of our planet.

Only living organisms constituted the Biosphere, the special form of being of chemical elements, in which what we have called “Living Substance” (or “Animated Matter”) is present.

This is the definition of “Living Matter,” which I’ll use further on. But, what is “Living Substance”? “Living Substance” is a special form of being of chemical elements, or animated matter, of which all living organisms are constituted in the Biosphere.

What are the special properties of “Living Substances”? He asks this question in his work, “The Beginning and Eternity of Life.” There he writes:

There is some fundamental difference between living substance (animated matter) and dead matter. This difference should be due to some kind of difference of matter and/or energy in a living organism, compared with those forms of matter that are studied in physics and chemistry, in ordinary inert, stagnant, lifeless matter....

It also indicates the insufficiency of our usual ideas about matter and energy, derived from the study of stagnant nature, to explain all the processes of life.

Already in the 1920s and 1930s, Vernadsky emphasized that

from the point of view of our usual physical representations, this “animated matter” would have the property and character of not only conventional matter, but also of energy.

Erwin Simonovich Bauer

Now, I would like to shift from a discussion about Vladimir Vernadsky, to his contemporary, also a great scientist to my mind: Erwin Simonovich Bauer (1890-



Erwin Simonovich Bauer (1890-1938) suggested a general theory of living substance.

1938), who also worked in the 1920s and 1930s in Soviet Russia.

Bauer wanted to understand what the “living state of matter” represents, and went into much more details than Vladimir Vernadsky. In his book, *Theoretical Biology*, published in Leningrad and Moscow in 1935, he suggested a general theory of living substance, based on three principles, or “axioms,” as he called them. Or, using the terminology of Vernadsky, “empirical generalizations.”

Principle No. 1. The Principle of Stable Non-equilibrium provides us with the essence of living systems. According to this principle, all, and only living systems, are never at equilibrium. At the expense of their free energy (i.e., energy that can be used for the performance of work), they ceaselessly perform work against equilibrium, demanded by the physical and chemical laws appropriate to the actual external conditions.

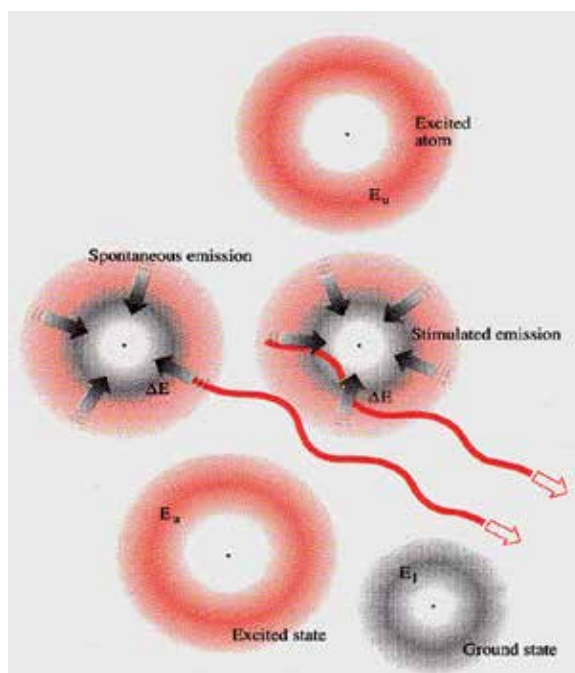
expense of their free energy (i.e., energy that can be used for the performance of work), they ceaselessly perform work against equilibrium, demanded by the physical and chemical laws appropriate to the actual external conditions.

In other, simpler words: Living systems, unlike inanimate things, persistently perform work to stay alive.

What is the essence of the matter in living systems which perform this work? This, then, is the second principle formulated by Bauer. According to him:

Principle No. 2. A stable, non-equilibrium (excited state) is exhibited at all levels of a living system organization, including the molecular one.

Better to say it now: from the molecular level to the biospheric, or probably the level of the universe. We



Bauer's Third Principle of Living Substance: The structure of matter in an excited state differs from the structure of the same matter in the equilibrium (ground) state.

return to the molecular and cellular level. Bauer states:

Principle No. 3. The structure of matter in an excited state differs from the structure of the same matter in the equilibrium (ground) state.

All the work performed by a living system is produced at the expense of structural energy—energy of excited structural elements of the system.

Principle #1 tells us the essence of living systems. I remind you that this was written in 1935, but it is talking about the laser state of living matter. Living matter is continuously being pumped by energy, and when the structural energy is released, it is “free energy,” which is capable of performing work.

Unfortunately, I do not have time to go deeper into Bauer’s Theory of the Living State, but I would like to say that Bauer managed to deduce from his basic [three] principles, all manifestations of the Living State, including metabolism, growth and development, reproduction, excitability, ability to perform external work, aging and apoptosis, and cellular complexity.

Hower, Bauer did not (and could not) specify the *nature of living matter* able to persist in a stable non-equilibrium state. Neither did he suggest a convincing mechanism of living matter’s ability to convert low-grade chemical energy of food, into high-grade structural energy (energy of excitation).

Back to Vernadsky, and ‘Living Substance’

When we are talking about real living matter, or better to return to the term “living substance,” what is the major chemical constituent of living substance? We’re now coming back to Vernadsky.

In his [3-volume] *History of Natural Waters*, [published sequentially 1933-1936], he wrote:

Water occupies a unique place in the history of our planet. There is no natural body that could compare with it in its influence on the course of the main geological processes....

All the natural substances—minerals, rocks, living bodies are permeated and covered by it, due to its properties....

[I]t is omnipresent in the upper part of the planet ... and also in its deepest parts....

It plays an exceptional role in the phenomena of life. At least 2/3 by weight of all living matter

of the planet, of all organisms, consists of liquid water; for many aquatic organisms, it is more than 99.5% by weight.

As the French biologist Emil du Bois-Reymond (1818-1896) correctly said, “*La vie est de l’eau animée*” (Life is animate water).

I would like to add that water is omnipresent in the universe. In the last 10-15 years, it has been demonstrated that water is the third, by abundance, substance in the universe, after helium and hydrogen.



Courtesy of Vladimir Voeikov

Water is omnipresent—the third most abundant substance in the universe.

Here are some examples of Living Water. There are some jellyfish which consist, by weight, of 99.9% water. All the bio-organic matter which we so carefully study, constitutes only 0.1%. This Living Water lives in what is supposed to be much less living, or, if you want, inanimate water, sea water, which is much more dirty than the water which constitutes the body of a jellyfish.

Contrary to the generally accepted view that water is in equilibrium with the environment unless it is affected by an external force, natural waters are *never* in equilibrium. They permanently reside in the far-from-equilibrium state—the state of stable non-equilibrium! (to use Erwin Bauer’s terminology).

Due to this property, waters are capable of self-organization, and may serve as the source of high-density energy. We know this; we’ve seen it very often that self-organized water, for example in tornados—by the way, the clouds are also self-organized water—may sometimes be stronger than steel—not in the form of

solid water, but in a special form of dynamic water—water as a process.

Atmospheric water is a source of electricity. Vernadsky also emphasized that water may be the source of a *tremendous* quantity of electricity.

Now, water is itself a fuel. It may burn. This was first discovered 220 years ago, but then forgotten, then rediscovered by the end of the 19th Century, and again it was forgotten. In the 21st Century, it was demonstrated (in 2007) by the American inventor John

Kanzius and proved by Professor Rustum Roy (in 2009) from University of Pennsylvania, that salted seawater may burn under irradiation of radio waves [13.56 MHz, 200-400 Watt—ed.], and the temperature of the flames under such radio waves may reach 1,500° C, meaning that this water under the action of radio waves may split into hydrogen and oxygen. The hydrogen will burn in the presence of oxygen.

From these and many other observations, it follows that:

- Electrons in water may be at a much higher state of excitation than what is usually considered.
- A rather low energy of excitation is needed to make them free, and when they stick to oxygen, burning may be observed.

Very recent studies of natural (“real”) water may explain why it behaves so.

Gerald H. Pollack

I would say that the real pioneer in this work, who is leading work in this area, is Professor Gerald H. Pollack, who will give his lecture in Panel 2 of this conference.

Starting from 2003, Pollack demonstrated more and more convincingly that [in] a water phase adjacent to hydrophilic surfaces, or, better to say, in water that is near the hydrophilic surfaces, there forms a very thick layer of water making it different from bulk water in physical and chemical properties. These thick layers of water which are formed near the hydrophilic surfaces constitutes a particular phase state of water—neither



WKYC.com (NBC-TV HD3)

Pennsylvania engineer and inventor John Kanzius used radio waves to split the water molecule in a salt solution into its hydrogen and oxygen, igniting it to burn at 1,500°C, May 28, 2007.

liquid, nor solid, nor vapor. It is liquid-crystalline, quasi-polymeric, coherent water. As a matter of fact, as there are a tremendous quantity of hydrophilic surfaces in all living organisms, a tremendous quantity of biological water should have these properties—properties of “Exclusion Zone” water, as named by Pollack.

EZ Water

I will now concentrate on one very important property Pollack discovered. This Exclusion Zone (EZ) water is negatively charged; it is rich in

quasi-free electrons, unlike bulk water, which is rich in protons and is positively charged. So, there is an electrical potential difference between these two waters.

EZ water may be the source of electrons. A high oxygen concentration is always present in EZ water. These electrons may stick to oxygen, which means that the oxygen is reduced, and water is oxidized. It’s a kind of water burning, and water burning generates free energy.

About a decade ago, we discovered that bicarbonates (HCO_3^-), which are always present in real (natural) waters, catalyze water burning.

The unique property of water is that the products of its oxidation with oxygen are, again, water molecules and oxygen: $[2\text{H}_2\text{O} + \text{O}_2 \rightarrow \rightarrow \rightarrow \rightarrow \text{O}_2 + 2\text{H}_2\text{O} + \text{hv}]$. This is a unique reaction in which reagents and products are chemically the same. Energy is obtained from destruction of structured water and conversion into chaotic water. Free energy is released, due to an increase in entropy.

It could burn completely, completely converting into chaotic water. Again, Pollack discovered that radiation, especially infrared light, (“warmth,”) promotes regeneration of structured water from disorganized water molecules.

So, water can perform work, by increasing entropy and, due to low density, environmental energy from infrared (and probably other parts of the radiation spectrum), there is a *continuous* regeneration. Water, in this sense, is a converter of the dissipated energy in the environment into high-density free energy.

Unique Properties of Aqueous Systems

We can now summarize the unique properties of aqueous systems:

- Aqueous systems are capable of self-organization into holistic units.
- They may extract low-density energy (energy of “warmth”) from their environment and convert it into high-density free energy.
- They may serve as the source of coherent photonic (phononic) radiation.
- All these properties endow to them the capacity to receive resonant EM (electromagnetic) and other oscillatory impulses from the environment and actively react to them.

From this it follows that the properties of aqueous systems are characteristic of the living state of matter, and water, as we know, is the fundamental component and energizer of living matter.

But, there is a question, to which there is no answer today: Do we know anything about the origin of water, or its “creation,” or is it as eternal as life, as according to V.I. Vernadsky? In other words, there is a kind of [imaginative conception] that water and life are indivisible. As life, according to Vernadsky, didn’t originate, so we can say now that water, also, did not originate.

Cnacubo (“*Spasibo*”). Thank you very much for your attention.

BOOK REVIEW

The Secret World of Water

by Liona Fan-Chiang

The Fourth Phase of Water

by Gerald H. Pollack
Ebner and Sons Publishers, Seattle, 2013. 358 pages.

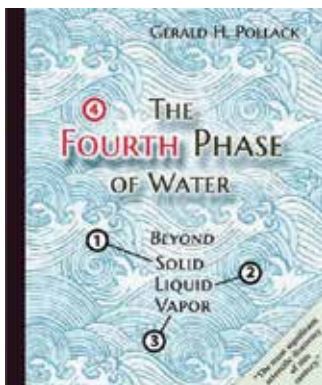
This book review first appeared in 21st Century Science & Technology magazine, Fall-Winter 2013, p. 66, and is being reprinted with the permission of the editor.

Water is not something that most people spend much time thinking about, and due to the nature of science today—to specialize, molecularize, and concentrate on minute details—most people assume that there is not much that a layman can wonder about water that hasn’t already been explained. In his new book, *The Fourth Phase of Water*, Dr. Pollack challenges this notion, pointing out both that since water is all around us, we tend not to see it as phenomenal, and that since the focus throughout the Twentieth Century has shifted from looking for fundamental laws, to detailing consequences of assumedly known laws, basics can go long

unchallenged. “If currently accepted orthodox principles of science cannot readily explain everyday observations, then I am prepared to declare that the emperor has no clothes,” Pollack declares in his Preface.

The Fourth Phase of Water is the latest in a series of books on the subject, including *Cells, Gels and the Engines of Life* (2001), *Water and the Cell* (2006), and *Phase Transitions in Cell Biology* (2008), in which Pollack and his collaborators reveal the results of their many years of research on the unique, and previously unexplained, properties of water. This book’s composition is paradox driven, meaning that there are no attempts to explain something unless the reader is first presented with something unexplained.

In that sense, although the book may look and feel like a textbook, it is not composed as one, keeping the reader’s mind hypothesizing and engaged. For example, Chapter 1, titled “Surrounded by Mysteries,” begins by listing fifteen everyday observations, such as gelatin desserts composed of 95% water but not leaking, and warmer water freezing faster than cold water, and asks you to try to explain them. He follows



this with an overview of the history which has led to current understanding of the subject, so that by Chapter 3, the reader is ready to begin where the author did.

Water is ubiquitous, and yet a new field of study. For that reason, this book is recommended for everyone. The layman will appreciate that Pollack stops to explain technical phrases, while not slowing or dumbing it down. You will find that everyday activities can be experiments, and that you too can contribute valuable hypotheses. Scientists in other fields may find that the experiments and results presented, give a new approach to their current studies.

How many fields can benefit from both the non-reductionist approach taken by Pollack and his team, and from the results relating to water and to life? Pollack points out, for example, that one of the biggest factors left out of every theory of water is energy, mostly radiant energy. Experiments performed in Pollack's lab and others showed that a layer of water along hydrophilic surfaces exhibits dramatically different characteristics compared to "bulk" water. They showed that this layer likely has a structure that is closer to ice than that commonly associated with liquid water, and that this layer, named the "exclusion zone" by Pollack, grows in extent

with incident light. In addition, far from being neutral, a characteristic commonly attributed to water, the exclusion zone is negatively charged, and its build-up creates a complimentary positively charged area just beyond it, thereby storing that incident energy in both new bonds and in electric potential.

If light can provide the energy required to build up this crystalline liquid, then what about most of the waters of the Earth, which are subjected daily to incident solar radiation? In Chapter 7, Pollack points to a few cases, including that of experiments performed by Giorgio Piccardi who found that chemical reaction rates varied with periodicities of solar activity. Several processes on Earth have now been shown to have possible coincidence with longer term cosmic cycles, such as the onset of the "seasonal" flu, variation in frequency of earthquakes and volcanic events (60 million years), sea surface temperature (140 million years), biodiversity cycles (60 and 140 million years), etc. What role might water possibly play in mediating these interactions?

Much more work needs to be done. After reading this book, you will look forward to further publications which, as Pollack mentions in the foreword, will include the subjects he couldn't fit in this volume.

New EIR Offprint Special Report Now Available

The Great Leap Backward: LaRouche Exposes the Green New Deal

Executive Intelligence Review has released this Special Report to warn of the extreme danger to mankind represented by the Green New Deal, also called "The Great Reset" by the leaders of the Davos World Economic Forum.

Already being implemented, this plan is taking over the direction of national economies from sovereign governments, using the power of central banks and the too-big-to-fail private financial institutions, cutting off credit to fossil fuel power generation and to industrial and agricultural enterprises claimed to emit too much carbon. Meanwhile it is creating a new huge bubble in the "sustainable fuel" sector, hoping to prop up the increasingly bankrupt financial system.

Stopping it by returning to a Hamiltonian American System credit policy, requires an understanding which is the purpose of this report.



EIR subscribers who have received this Special Report as their 68-page Feb. 12 issue: Get an Offprint edition for someone you know who should have it!

Special Report is available in soft cover printed copy for \$30 plus shipping, or as a PDF for \$20 (requires e-mail address).

<https://store.larouchepub.com/product-p/eirsp-2021-1-0-0.htm>

Science & Technology Briefs

Nuclear Fusion Breakthrough

On Dec. 5, 2022, for the first time in history, physicists achieved a net energy gain from a controlled nuclear fusion reaction. The U.S. National Ignition Facility (NIF) at Lawrence Livermore National Laboratory in California produced the result.

A Dec. 13 Department of Energy/National Nuclear Security Agency [press conference](#), followed by a technical panel of NIF team leaders, discussed the energetics of the experiment: “wall outlet power” for the laser array, 300 megajoules; laser input power delivered to the target fuel, 2.05 megajoules; output from ignited fuel, 3.15 megajoules—all in part of a nanosecond. Note the extremely low 0.7% power efficiency of the laser array.

But the new plasma ignition milestone only accounts for the laser energy in and the plasma energy out, not the sizable loss from converting electricity to laser light. What’s more, the reaction lasted only a few billionths of a second, and can only be repeated every six hours.

The key innovation which has probably advanced the NIF experiments of the past two years more than any other—namely, the use of an electric coil to *surround the laser-imploded fuel pellet with a strong magnetic field as it implodes*—was never mentioned by any director or team leader in the 75-minute presentation of the results. This, despite a *Physical Review Letters* [article](#) on just that subject published Nov. 4, 2022, by the innovation’s originator, John Moody.

Why not? Perhaps because it is ir-

relevant to the primary purpose of this inertial confinement fusion program at Livermore, which is to analyze U.S. nuclear warhead performance without nuclear weapons testing. The program will get \$641 million from the Fiscal 2023 NDAA, while most fusion R&D now depends on private funds.

Were a serious national fusion energy development program to be launched, this successful step in “hybridization” of magnetic and inertial confinement fusion would be of great importance. Instead, improving warheads for possible thermonuclear exchanges with other world powers is the purpose for which U.S. tax dollars fund fusion research.

Great Water Projects in Afghanistan

In Afghanistan, “water means food.” Not waiting any longer for international help, and fully committed to overcoming its current economic-financial breakdown, unemployment, and food crisis, the Afghan government is going ahead with several water infrastructure projects, mainly via Afghanistan’s giant state construction group National Development Company (NDC).

Over the past year the NDC has launched 692 projects worth \$1.26 billion, completing 81, including 55 in the construction sector.

The largest [project](#), the Qosh Tapa Canal, is 280 km long and 100 m wide. With a carrying capacity of 650 m³/sec, it will irrigate 500,000 hectares and resolve the water shortage in Balkh, Jawzjan and Faryab provinces. Work on the project is expected to take 5 years and cost \$680 million. Forty-two

km of the project has been completed, between the Qosh Tapa area and the Daulatabad district. One-hundred twenty private companies and about 2,300 people are involved in its construction.

At the March 30, 2022 launch ceremony, First Deputy Prime Minister Mullah Abdul Ghani Baradar said that the completion of the canal is a national priority. “The country will reach self-sufficiency in agriculture after the construction of the canal,” he said, according to the April 3 [issue](#) of *Kabul Times*. Also quoted was Zabihullah Mujhaid, Deputy to the Ministry of Information and Culture: “Afghanistan will not get rehabilitated via aids from foreign countries.”

SKA, World’s Largest Radio Telescope

On Dec. 5, 2022, ceremonies in Australia and South Africa marked the inauguration of the build phase of the Square Kilometer Array (SKA), the world’s largest radio telescope. The SKA will link new observing equipment in the two countries to function as one large receiver—initially 4 receivers in Australia and 6 in South Africa will begin working in tandem as a single telescope in 2024.

Operating frequencies will range from 50 MHz to 25 GHz, allowing observation of radio emissions with wavelengths from centimeters to meters.

Scientists are excited about the telescope’s ability to trace out the history of hydrogen in the universe and to examine such phenomena as “fast radio bursts” that emit enormous amounts of energy over fractions of a second.

According to the SKA project’s

[website](#), “The SKA will eventually use thousands of dishes and up to a million low-frequency antennas that will enable astronomers to monitor the sky in unprecedented detail and survey the entire sky much faster than any system currently in existence.

“Its unique configuration will give the SKA unrivalled scope in observations, largely exceeding the image resolution quality of the Hubble Space Telescope [but in radio wavelengths — ed.]. It will also have the ability to image huge areas of sky in parallel, a feat no survey telescope has ever achieved on this scale with this level of sensitivity. With a range of other large telescopes in the optical and infrared being built and launched into space over the coming decades, the SKA will perfectly augment, complement and lead the way in scientific discovery.”

The SKA is in the southern hemisphere, where the view of our Milky Way Galaxy is best and radio interference least. Headquarters will be in the UK, where the computers processing the data will be located. By 2028, SKA will have an effective area of 500,000 m², half the final desired size of one square kilometer.

“Around 100 organizations across about 20 countries are participating in the design and development of the SKA. World-leading scientists and engineers are working on a system which will require two supercomputers each 25% more powerful than the best supercomputer in the world in 2019, and network technology that will see data flow at a rate 100,000 times faster than the projected global average broadband speed in 2022,” according to the SKA website.

New Alloy Gets Stronger As It Gets Colder

ScienceAlert’s website [reported](#) Dec. 11 on a new alloy with the highest

fracture toughness ever measured in a material on Earth.

Normally, a metal or alloy may become stronger at a low temperature, but it will also become more brittle. This alloy, however, composed of equal amounts of chromium (Cr), cobalt (Co), and nickel (Ni), has exceptionally high strength and ductility—what a team of scientists has called “outstanding damage tolerance.”

Science Alert explains:

“Strength, ductility, and toughness are three properties that determine how durable a material is. *Strength* describes resistance to deformation. And *ductility* describes how malleable a material is. These two properties contribute to its overall toughness: the resistance to fracture. *Fracture toughness* is the resistance to further fracture in an already-fractured material.”

The experiment took the material first to the temperature of liquid nitrogen (−196°C, −321°F), and then to that of liquid helium (−253°C, −424°F). The James Webb Space Telescope’s sunshield is kept at about −223°C (−370°F).

The scientific paper was [published](#) in *Science* Dec. 1. One of the senior authors, mechanical engineer Robert Richie of Berkeley National Laboratory and the University of California, Berkeley, said:

“The toughness of this material near liquid helium temperatures ... is as high as 500 megapascals square root meters. In the same units, the toughness of a piece of silicon is 1, the aluminum airframe in passenger airplanes is about 35, and the toughness of some of the best steels is around 100. So, 500, it’s a staggering number.”

Neanderthals Try To Define Anthropocene Era

The *New York Times* Dec. 18 [covered](#) a debate among geologists as

to when the “Anthropocene Era” began—when mankind became the dominant force on Earth. The debate, however, is embroiled in the political agenda of the “climate catastrophe” crowd, who insist on deriving “Anthropocene” from the time when man began to “pollute” the environment. An Anthropocene Working Group has been assigned the task of defining the beginning of that “era,” but they can’t seem to come to an agreement.

That era had already been defined at the beginning of the 20th century in the notion of the noosphere, which was given a quite precise definition by Russian scientist Vladimir Vernadsky. But the emphasis for Vernadsky and his cothinkers was not on *anthropos* as simply another species *per se*, but rather a species that had the power of thought (*nous* in Greek). It was the power of thought radically and successively changing the energy throughput of the biosphere which characterized this “revolution.” The beginning of that era was defined by Vernadsky as between the voyages of exploration in the 15th century and the beginning of the 1900s. When humankind had reached almost every point of the globe, it was evident that *scientific thought* had become *the* dominant force in the Earth’s biosphere.

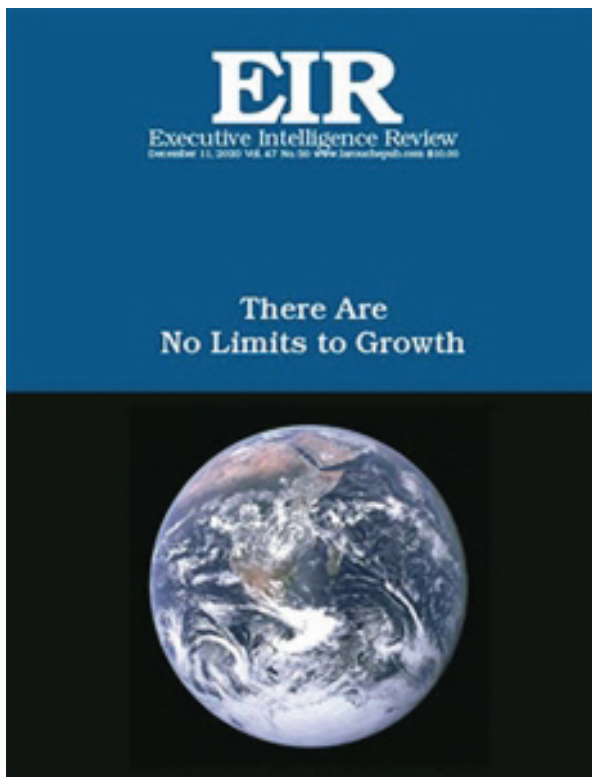
The Anthropocene Working Group unfortunately concerns itself only with man *in* the biosphere, with no notion of the noosphere, and with many participants even viewing man as a parasite that has simply polluted a “pristine” nature. Those who say that humans should retreat to let other species thrive are only the most extreme proponents of this view. Many who are opposed to defining “Anthropocene” this way perhaps (correctly) fear that such a notion will be used to herd the credulous with such nihilistic views.

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