

# TEACH-IN

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## *Techno-Utopianism & the Fate of the Earth*

WHY TECHNOLOGY WILL NOT SAVE THE WORLD



OCTOBER 25-26, 2014

The Great Hall of The Cooper Union 7 East 7th St. at 3rd Ave., NYC

*45+ Leading Scholars, Authors & Activists ❖ Workshops ❖ Bookstore*



PRESENTED BY

THE INTERNATIONAL FORUM ON GLOBALIZATION

*and* THE TECHNO-UTOPIA PROJECT *in collaboration with*

THE INTERNATIONAL CENTER FOR TECHNOLOGY ASSESSMENT,

THE NEW YORK OPEN CENTER *and* THE SCHUMACHER CENTER FOR NEW ECONOMICS

# Techno-Utopianism & the Fate of the Earth

**45+** LEADING SCHOLARS, AUTHORS AND ACTIVISTS will convene at The Great Hall of The Cooper Union, New York City, for a public “Teach-In” on the profound impacts— environmental, economic and social— of runaway technological expansionism, and cyber immersion; the tendency to see technology as the savior for all problems. A change of direction is required, returning the fate of nature to the center of economic and social decision making.

*This event comes at a crucial historical moment.*

Ecological systems are near collapse—global climate, soils and fertility; fresh water supply; deep ocean life, forests, biodiversity; diminishing global food production; and unprecedented rates of species extinctions. Human life is also threatened by these, as well as by shocking rates of economic inequality, and the expanding threat of wars to control lands and scarce resources. But proposed solutions rarely stray off the corporate message: “Technology will solve our problems. Leave it to technology.” *We do not share this optimism.*

[When President Truman dropped the A-Bomb, he said “for the good of mankind.” He should have said, “for the good of General Electric” and a new technological era that brought us hundreds of nuclear power plants including Fukushima.]

## SUBSTITUTE NATURE

Many in our society see the ecological crisis as a grand new economic opportunity for growth and profit. If nature is being destroyed, we can create new nature. Technologies are rolling out to introduce substitute nature. For example: GEO-ENGINEERING (to “solve” the climate crisis by “re-seeding” the heavens and inventing techno-climate); GMOs (to re-arrange the genetics of food, animals, and trees, making them more profitable); SYNTHETIC BIOLOGY (creating new artificial life forms, including genetically redesigned humans—taller? smarter? better looking?); and NANO-TECHNOLOGY (to replace the planet’s billion-years-old molecular structures for greater efficiency.) We prefer the old planet.

We can also look forward to INTELLIGENT ROBOTS on farms and in factories and homes (eliminating need for human workers!); and vast numbers of MILITARY & HOUSEHOLD DRONES, as well as a potpourri of such



KENT KESSINGER/APALACHIAN VOICES

*The U.S. government is pushing “clean coal” but this photo shows where it comes from. Four Appalachian states are being devastated by mountain top removal, a kind of coal mining where you blow up the mountain tops, dump them into rivers, drive local people out, cart the coal away, and make massive contributions to climate change. Giant U.S. subsidies help pay for it; companies like Peabody Coal take home the profit.*

inventions as Google glass, driverless cars, app-after-app-after-app, and ever more handy instruments for cyber-envelopment of our consciousness and everyday lives. Did anyone ask for these? They are all expressions of science in service to corporate profit and growth. They do not serve people, but do serve the needs of desperate capital, running out of nature’s resources. Meanwhile, human experience—now increasingly embedded within our new global technological cocoon—is losing its awareness and connection with nature. This will not solve our problems. It does not bring us together; it does not bring happiness. It is isolating our minds and feelings within computer algorithms. As Sherry Turkle writes, we are now “alone together.”

## NEW CONSCIOUSNESS

What is needed is new consciousness, and new economic strategies that break from the assumption of human domination over nature and the planet (“anthropocentrism”), while rejecting the idea that more technology is the way to save the world. What is required are new economics that will bring us together; reforming our economies toward fairness, and placing the health of nature as the final measure of success.

Tweeting won’t save us.

Alternative ideas, policies, programs and actions will be pursued and discussed in detail.

## SPONSORS

**THE INTERNATIONAL FORUM ON GLOBALIZATION (IFG)** is a San Francisco-based 501(c)3 founded by Jerry Mander in 1994—is a North-South research and educational institution composed of leading activists, economists, scholars, and researchers providing analysis and critiques on the cultural, social, political, and environmental impacts of economic globalization. IFG promotes equitable, democratic, and ecologically sustainable economies. | [www.ifg.org](http://www.ifg.org)

**THE INTERNATIONAL CENTER FOR TECHNOLOGY ASSESSMENT (ICTA)** is non-profit, bi-partisan organization committed to providing the public with full assessments and analyses of technological impacts on society. ICTA is devoted to fully exploring the economic, ethical, social, environmental and political impacts that can result from the applications of technology or technological systems. | [www.icta.org](http://www.icta.org)

**THE NEW YORK OPEN CENTER (NYOC)** offers holistically-based educational programs to create positive transformation in individuals and the world. Founded in 1984, the New York Open Center is one of the nation's largest non-profits dedicated to nurturing body, mind and spirit through holistic learning and world culture. NYOC offers workshops, classes, lectures and professional trainings, led by teachers of wisdom, passion and skill. In addition to classes NYOC has a bookstore highlighting works by NYOC presenters along with a wide range of titles related to NYOC programs. | [www.opencenter.org](http://www.opencenter.org)

**THE SCHUMACHER CENTER FOR NEW ECONOMICS (SCNE)** is a Great Barrington, Massachusetts-based 501(c)3—aims to educate the public about an economics that supports both people and the planet. The Center believes that a fair and sustainable economy is possible and that citizens working for the common interest can build systems to achieve it. They recognize that the environmental and equity crises we now face had their roots in the current economic system. The Center is heir to the Legacy programs of the E.F. Schumacher Society founded in 1980. [www.centerforneweconomics.org](http://www.centerforneweconomics.org)

## CO-SPONSORS

**350.ORG** is building a global climate movement through online campaigns, grassroots organizing, and mass public actions that are coordinated by a global network that is active in over 188 countries. [www.350.org](http://www.350.org)

**ABC CARPET & HOME** is a portal into collective creativity to create the experience of a three-dimensional living magazine and interactive museum, and to support continuous improvement in minimizing our collective environmental footprint and maximizing social justice. [www.abchomeandplanet.org](http://www.abchomeandplanet.org)

**AGRARIAN TRUST** has the mission to support land access for next generation farmers, and is a project of the Schumacher Center for New Economics. | [www.agrariantrust.org](http://www.agrariantrust.org)

**AMAZON WATCH** was founded by Atossa Soltani in 1996 and is a nonprofit organization focused on protecting the rainforest and advancing the rights of indigenous peoples in the Amazon Region. [www.amazonwatch.org](http://www.amazonwatch.org)

**CENTER FOR GENETICS AND SOCIETY** is a nonprofit information and public affairs organization working to encourage responsible uses and effective societal governance of human genetic and reproductive technologies and other emerging technologies. [www.geneticsandsociety.org](http://www.geneticsandsociety.org)

**EARTH LAW CENTER** educates and advocates for laws and policies that recognize and promote the inherent rights of nature to exist, thrive and evolve. | [www.earthlawcenter.org](http://www.earthlawcenter.org)

**THE FOUNDATION FOR DEEP ECOLOGY** is a voice for wild nature, supporting efforts to protect wilderness and wildlife, promoting ecological agriculture, and opposing destructive mega-technologies that are accelerating the extinction crisis. | [www.deepecology.org](http://www.deepecology.org)

**FOUNDATION EARTH** is a think tank that goes beyond research to put ideas into action, with a mission to bring an earth-centered economy into reality through a major rethinking of society implemented via outreach campaigns. | [www.fdnearth.org](http://www.fdnearth.org)

**GEEZ MAGAZINE** is a quarterly Canadian magazine dealing with issues of spirituality, social justice, religion, and progressive cultural politics. [www.geezmagazine.org](http://www.geezmagazine.org)

**GLOBAL EXCHANGE** is an international human rights organization dedicated to promoting social, economic and environmental justice around the world. | [www.globalexchange.org](http://www.globalexchange.org)

**THE GLOBAL NETWORK AGAINST WEAPONS AND NUCLEAR POWER IN SPACE** was founded in 1992 and works to prevent the next arms race which the aerospace industry brags would be the largest industrial project in the history of the planet. | [www.space4peace.org](http://www.space4peace.org)

**THE GREENHORNS** is a grassroots non-profit organization made up of young farmers and a diversity of collaborators that works to support new farmers in America. | [www.thegreenhorns.net](http://www.thegreenhorns.net)

**LOCAL FUTURES/ INTERNATIONAL SOCIETY FOR ECOLOGY AND CULTURE** is a non-profit organization dedicated to the revitalization of cultural and biological diversity, and the strengthening of local communities and economies worldwide, through an emphasis on *education for action*. | [www.localfutures.org](http://www.localfutures.org)

**NAVDANYA** was founded by Dr. Vandana Shiva in 1984 and is a network of seed keepers and organic producers spread across 17 states in India. Navdanya's vision is based on earth democracy—the participation of all people and species in the common welfare of all. | [www.navdanya.org](http://www.navdanya.org)

**THE OAKLAND INSTITUTE** was founded by Anuradha Mittal in 2004 and is an independent policy think tank, bringing fresh ideas and bold action to the most pressing social, economic, and environmental issues of our time. | [www.oaklandinstitute.org](http://www.oaklandinstitute.org)

**PACHAMAMA ALLIANCE** is a global community that offers people the chance to learn, connect, engage, travel and cherish life for the purpose of creating a sustainable future that works for all. | [www.pachamama.org](http://www.pachamama.org)

**PHYSICIANS FOR SOCIAL RESPONSIBILITY** has been working for more than 50 years to create a healthy, just and peaceful world for both the present and future generations, by advocating on the issues you care about by addressing the dangers that threaten communities, using their medical and public health expertise. | [www.psr.org](http://www.psr.org)

**POST CARBON INSTITUTE** was founded in 2003 and aims to lead the transition to a more resilient, equitable, and sustainable world by providing individuals and communities with the resources needed to understand and respond to the interrelated economic, energy and ecological crises of the 21st Century. | [www.postcarbon.org](http://www.postcarbon.org)

**SPECIES ALLIANCE** is a New York-based nonprofit organization committed to raising public awareness of the mass extinction and its implications for humanity and the rest of the living world. [www.speciesalliance.org](http://www.speciesalliance.org)

**TEBTEBBA: INDIGENOUS PEOPLES' INTERNATIONAL CENTRE FOR POLICY RESEARCH AND EDUCATION** aims for the respect, protection and fulfillment of indigenous peoples' rights and operationalization of indigenous peoples' self-determined sustainable development. [www.tebtebba.org](http://www.tebtebba.org)

**UNITED STATES SOCIETY FOR ECOLOGICAL ECONOMICS (USSEE)** provides a venue for intellectual exchange and collaboration on issues related to the theory, policy, and implementation of sustainable development. | [www.ussee.org](http://www.ussee.org)



**PROGRAM SCHEDULE** *SUBJECT TO CHANGE*—for updates go to [ifg.org/techno-utopia/](http://ifg.org/techno-utopia/)

SATURDAY, OCT. 25 10 am–10 pm

## I. TECHNOLOGY VS. NATURE

TECHNOLOGICAL INNOVATION, celebrated throughout history, has had profound effects upon Nature, and human beings—our ways of thought, operating systems, power structures, and how we experience our own existence. This is especially so in the new cyber-tech world. Justifications still range from humanity's "unquenchable thirst" for knowledge, to the imperatives of economic growth, wealth and power in our economic system, to the acclaimed search to bring comfort and happiness to a global population. So, how have we done? What have been the trade offs? Meanwhile, spectacular, dreadful impacts continue and accelerate. Immediate change is required in our thinking, behavior, values and economies, before Nature and human society are terminated.

### 10–11:30 am INTRODUCTIONS/OPENING REMARKS

**Ralph White**, NY Open Center: *Welcome*

**Jerry Mander**, IFG:  
*Questions We Should Have Asked About Technology*

**Richard Heinberg**, Post Carbon Institute: *The Party's Over*

**Anuradha Mittal** (India) Oakland Institute: *Stealing Nature*

**Andrew Kimbrell**, ICTA: *The End of Market Capitalism?*

### 11:30 am –1:30 pm CLASH OF WORLDVIEWS

**Eileen Crist**, Virginia Tech: *Confronting Anthropocentrism*

**Tom Butler**, Foundation for Deep Ecology:  
*The Language of Dominion*

**Lisi Krall**, State U. of New York  
*The Economic Evolution Of Dominion*

**Susan Griffin**, "Woman & Nature"  
*Speed, Consciousness & Quantification*

**Charlene Spretnak**, "The Resurgence of the Real":  
*Dynamic Interrelatedness*

### 1:30–1:45 pm BREAK

### 1:45–3:15 pm

#### NATURE'S PRESENCE & OUR AWARENESS

**David Ehrenfeld**, Rutgers Univ.:  
*De-Extinction and Its Residue Problems*

**Doug Tompkins**, Foundation for Deep Ecology  
*Technology & Nature/ Clash of Concepts*

**Mary Reynolds Thompson**, Author:  
*Reclaiming The Wild Soul*

**Wes Jackson**, The Land Institute:  
*Nature Is the Final Measure (1)*

## II. TECHNO SOLUTIONISM: BUILDING "SUBSTITUTE" NATURE

WITH THE PLANET DEPLETED, overbuilt and poisoned, wild nature and its great gifts are disappearing. The economic challenge for a growth economy is to save itself by building entirely new resource bases to replace the old ones: New genetic foods, new genetic people and beings, new chemical skies to replace old ones (the victims of climate change), new molecular systems, new weaponry on earth and soon, in space, et. al.. For corporations, innovation solves the problem: Ignore the mess, create saleable "green" false solutions, and build and market "substitute nature" for uninterrupted product development and growth.

### 3:15–4:00 pm FALSE SOLUTIONS

**M. Huesemann**, Author, "Techno-Fix":  
*Why Technology Can't Save Us*

**John M. Greer**, Author, "The Wealth of Nature": *False Promises*

### 4:00–6:15 pm THE QUEST FOR "NEW NATURE"

**Clive Hamilton** (Australia), "Playing God with Climate":  
*Geo-Engineering-New Skies*

**Pat Mooney** (Canada), ETC. Group: *Nanotechnology/New Earth*

**Debbie Barker**, Center for Food Safety:  
*GMOs/Corporate Techno-Food*

**Jim Thomas** (Canada), ETC. Group:  
*Synthetic Biology/Designing New Life Forms*

**Film Excerpt** (Bregtje van der Haak): "DNA Dreams" (5 min.)

**Andy Kimbrell**, ICTA: *Genetic Redesign of Human Beings*

**Katie Singer**, "An Electronic Silent Spring": *EMRs/Radiation Soup*

### 6:15–6:45 pm BREAK

### 6:45–7:45 pm SPECIAL GUESTS' COMMENTARIES

**Ralph Nader**, Ctr. for Responsive Law, Author, *Unstoppable*

**Bill McKibben**, 350.org, Author, *The End of Nature*

### 7:45–10:00 pm "FOR THE GOOD OF MANKIND" (TRUMAN ON THE A-BOMB)—NUKES, DRONES, MILITARY ROBOTS

**Helen Caldicott**, (Australia) Physicians for Social  
Responsibility: *Hiroshima, Fukushima & Beyond*

**Film**: *Paradise Lost* (15 min.)

**Neisen Laukon** (Marshall Islands): *Present at the Birth*

**Koohan Paik**, (Guam/Korea/US), IFG:  
*Marketing Nukes, Drones & Robots*

**Bruce Gagnon**, Global Network vs. Weapons in Space:  
*Space Tech & Corporate Full Spectrum Dominance*

**Film**: *Robotic Takeover of the Military* (5 min.)

**Gar Smith**, Environmentalists Against War:  
*Robots, Nature and the Singularity*

SUNDAY, OCT. 26 10am-7:30pm

### III. CYBER ENVELOPMENT & HUMAN AWARENESS

WE ONCE LIVED in contact with wild Nature, and in-close human community; connected, embedded. Handing the future to technology, innovation, industrialization, and expansionist growth, human connection is now largely with machines, manufactured projected imagery, and cyber systems, generated from far-away mega-powers. A new kind of alienation, from Nature and from self, has appeared. We are enveloped by manufactured imagery and tech processes; they immerse society and become part of each of us. Does "Nature" exist anymore? Are we happy now?

#### 10 am -12:30 pm LIFE INSIDE THE MACHINE

**Langdon Winner**, Rensselaer Polytech Institute:  
*Power Fantasies at the End of Modernism*

**Film Excerpt** (Bregtje Van der Haak): *TechMan* (5 min.)

**Douglas Rushkoff**, CUNY Queens:  
*Present Shock: Everything Is Now*

**Chet Bowers**: *Techno-Language vs. Nature*

**Stephanie Mills**: *Everyday Life in the Modern World*

**Aiden Enns** (Canada), *Geez Magazine*: *Life Offline*

**Craig Holdrege**, Nature Institute:  
*Hyper-Real & Real/Humans in Cyber World*

### IV. WHICH WAY OUT? INGREDIENTS OF CHANGE

WE START WITH the Primacy of Scale. Not large scale, small scale. Not global, local. Not faster, slower. Not more, less. Not top-down, bottom-up. Not private, shared. Not investor-owned, community-owned. Not more tech, less tech. Not meta-economics, micro-economics. Not competitive, collaborative. Not more trade, less trade. Not more energy, less energy. Not big business, small business. Where do we go from here?

#### 12:30-2:30 pm

#### NOT GLOBALIZATION, LOCALIZATION

**Vandana Shiva** (India), Navdanya: *Introduction & Overview*

**Helena Norberg-Hodge** (Sweden) *Local Futures*:  
*Economics of Happiness*

**Severine von Tscherner Fleming**, Greenhorns:  
*Young Farmers' Movement*

**Winona La Duke** (Anishinaabe):  
*Keystone Pipeline on Native Lands?*

**Victor Menotti**, IFG: *Keystone, Globalization, & the Koch Brothers*  
**Mzwanele Mayekiso** (South Africa) Director, iKweze  
Institute: *Fighting Fracking & Mining, and Other Extractive Technologies In Africa*

**Dave King** (United Kingdom), *Breaking the Frame*:  
*What Did the Luddites Say?*

#### 2:30-2:45 pm BREAK

#### 2:45-4:45 pm

#### INDIGENOUS VALUES & THE RIGHTS OF NATURE

**Jeannette Armstrong** (Okanagan, Canada):  
*Indigenous Economics*

**Linda Sheehan**, Earth Law Center:  
*Codifying Nature's Rights in Human Law*

**Atossa Soltani** (Iran/U.S.), *Amazon Watch*:  
*Keep the Oil in the Ground*

**Patricia Gualinga** (Kechwa, Ecuador): *Keep Oil in the Ground*

**Victoria Tauli-Corpuz** (Igorot, Philippines), UN Special  
Rapporteur on the Rights of Indigenous Peoples

**Shannon Biggs**, *Global Exchange*:  
*Campaigning for Rights of Nature*

#### 4:45-7:00 pm HYBRID ECONOMICS

**Bruce Thompson**, CIIS: *Ecological Economics*

**Randy Hayes**, *Foundation Earth*: *True Cost Accounting*

**Richard Heinberg**, *Post Carbon Institute*:  
*Steady-State Economics*

**Joshua Farley**, U. Vermont: *Economics & the Anthropocene*

**Lisi Krall**, State U. of NY: *Wild Earth Economics*

**Tom Butler**, *Deep Ecology*: *Rewilding*

**Wes Jackson**, *Land Institute*: *Nature Is the Final Measure* (2)

#### 7:00-7:30 pm FINAL COMMENTS

All Participants On Stage



#### Breakout Discussion Sessions

Some panels, after they have finished, will re-convene for informal "breakout" discussions with any audience members wishing to continue that discussion. These will be announced during the proceedings.

#### Bookstore

Most books by Teach-In speakers, and others, can be purchased at our bookstore in the lobby.

#### Thank You

We are eternally grateful for the generous funding support that made this project possible. Special thanks to *Foundation for Deep Ecology*, as well as *Marion Weber and the Flow Fund*, *Peter & Mimi Buckley*, *CS Fund*, *Center for Food Safety*, *Marion Hunt*, and *Nancy Schaub*.

## Techno-Utopianism & the Fate of the Earth

### SPEAKER BIOGRAPHIES



**JEANNETTE ARMSTRONG** (Okanagan/Canada)  
Educator, artist, activist. Writer and researcher on traditional indigenous economics, practice and culture. Teacher at the En'owkin Center. She was born and grew up on the Penticton Indian reserve in British Columbia's Okanagan Valley. Author, *Whispering in Shadows*; *Neekna and Chemai*; and *Slash*.



**DEBBIE BARKER**  
Intl. Director, Center for Food Safety; Former Exec. Director, Intl. Forum on Globalization. Co-Author, *Invisible Government—The World Trade Organization*; and *Fatal Harvest: The Tragedy of Industrial Agriculture*. Board member: Committee on the Future of Food and Agriculture, Tuscany (gov't), Italy.



**SHANNON BIGGS**  
Director of the Community Rights program at Global Exchange. Co-author, *Building the Green Economy: Success Stories from the Grass Roots*; and *The Rights of Nature*.



**CHET BOWERS, PHD**  
Author, *The Cultural Dimensions of Educational Computing: Understanding the Non-Neutrality of Technology*; *Let Them Eat Data: How Computers Affect Education, and the Prospects of Ecological Sustainability*; and *The False Promises of the Digital Revolution*.



**TOM BUTLER**  
Editorial Projects Director, Foundation for Deep Ecology and President, Northeast Wilderness Trust. Author, *Wildlands Philanthropy*; Co-editor, *ENERGY: Overdevelopment and the Delusion of Endless Growth*; *Plundering Appalachia: The Tragedy of Mountaintop Removal Coal Mining*; and *Keeping the Wild: Against the Domestication of Earth*.



**HELEN CALDICOTT, MD (Australia)**  
Physician, International anti-nuclear advocate. Author, *Nuclear Power Is Not the Answer*; *If You Love This Planet: A Plan to Save the Earth*; *The New Nuclear Danger*; and *War in Heaven: The Arms Race in Outer Space*.



**EILEEN CRIST, PHD**  
Assoc. Prof, Dept of Science and Technology, Virginia Tech. Co-editor, *Gaia in Turmoil: Climate Change, Biodepletion, and Earth Ethics in an Age of Crisis*; also co-editor, *Keeping the Wild: Against the Domestication of Earth*.



**DAVID EHRENFELD, M.D., PH.D.**  
Distinguished Professor of Biology, Rutgers University. Fellow, American Association for the Advancement of Science. Recipient, Annual Award of Society of Conservation Biology. Author, *The Arrogance of Humanism*; *Beginning Again*; and *Becoming Good Ancestors: How We Balance Nature, Community, and Technology*.



**AIDEN ENNS**  
Founder, Editor, *Geez Magazine* (Canada), now featuring "Life Off-line." Former Managing Editor, *Adbusters Magazine*. Originator, "Buy Nothing Christmas."



**JOSHUA FARLEY, PHD**  
Ecological economist and Associate Professor in Community Development & Applied Economics and Public Administration at the University of Vermont. Co-author, *Ecological Economics, Principles and Applications, 2nd ed.*



**BRUCE GAGNON**  
Founder, Director, Global Network Against Weapons and Nuclear Power in Space. Bruce is a Vietnam-era veteran and is a member of Veterans for Peace. Articles appear in: *Earth Island Journal*, *CounterPunch*, *Z Magazine*, *Space News*, *National Catholic Reporter*, *Asia Times*, *Le Monde Diplomatique*, et. al.



**CLAIRE GREENSFELDER**  
Director, INOCHI (Japanese/US NGO); Policy & Organizational Consultant: climate change, indigenous rights and women's leadership. Co-Author, *Safe Energy Handbook*; Co-Editor, *The Critical Question: Nuclear Power*.



**JOHN MICHAEL GREER**  
Historian of ideas and contemporary Druid. Author of the widely cited blog "The Archdruid Report" and of more than thirty books, including *The Wealth of Nature: Economics as if Survival Mattered*; *Decline and Fall: The End of Empire and the Future of Democracy in 21st Century America*, and the forthcoming *After Progress: Reason and Religion at the End of the Industrial Age*.



**SUSAN GRIFFIN**  
Susan Griffin is the author of over 20 books, including *Woman and Nature*, which inspired the eco-feminist movement. Her book on nuclear weapons, *A Chorus of Stones, the Private Life of War*, was a NY Times Notable Book, and a finalist for the Pulitzer Prize. She was named by Utne Reader as one of a hundred visionaries for the new millennium.



**PATRICIA GUALINGA (Kichwa/Ecuador)**  
A Kichwa from Sarayaku in the Ecuadorian Amazon, Patricia Gualinga is a leader in the struggle to prevent oil drilling and other development on tribal lands. She has become an iconic figure in the movement of Amazonian Indigenous resistance to the ravages of extractive industries, dams, and other intrusions in the rainforest.



**CLIVE HAMILTON (Australia)**  
Prof. of Public Ethics, Centre for Applied Philosophy and Public Ethics. Leading public intellectual. Author, *Growth Fetish*; *Requiem for a Species*; and *Earthmasters—Playing God with the Climate*.



**RANDY HAYES**  
Founder, Rainforest Action Network; Director/Founder, Foundation Earth. "An environmental pit bull." (*Wall Street Journal*)



**RICHARD HEINBERG, PHD**  
Senior Fellow, Post Carbon Institute. Author, *The Party's Over*; *Power Down*; *Peak Everything*; and *The End of Growth*, et. al.



**CRAIG HOLDREGE, PHD**  
Co-founder and Director, The Nature Institute. Author, *Thinking Like a Plant: A Living Science for Life*; *Beyond Biotechnology: The Barren Promise of Genetic Engineering*; and *Genetics and the Manipulation of Life: The Forgotten Factor of Context*.



**MICHAEL HUESEMANN, PHD**  
Research Scientist, focus on environmental and ethical implications of science and technology. Co-author, *Techno-Fix: Why Technology Won't Save Us or the Environment*.

## Techno-Utopianism & the Fate of the Earth



WES JACKSON

Founder, President, The Land Institute. Member, World Future Council. Recipient, Right Livelihood Award and a MacArthur Fellowship. Author, *Consulting the Genius of Place: An Ecological Approach to a New Agriculture*; and *Nature As Measure*.



ANDREW KIMBRELL

Attorney and leading anti-biotech campaigner. Founder, International Center for Technology Assessment; Exec. Director, Center for Food Safety; Co-founder, Foundation Earth. Author, *Cold Evil: Technology and Modern Ethics*.



DAVID KING, PHD (UK)

Former molecular biologist, director of Human Genetics Alert, co-ordinator of Luddites200, which has been celebrating the 200th anniversary of the Luddite uprisings. Organiser of the Breaking the Frame gathering, May 2014.



LISI KRALL, PHD

Prof. of Economics, State Univ. of NY, Cortland. Focus on labor, political economy, ecology. Board Member, Center for the Advancement of the Steady State Economy (CASSE). Articles, *Cambridge Journal of Economics*, *The Journal of Economic Issues*, and *Ecological Economics*. Author, *Proving Up: Domesticating Land in U.S. History*.



WINONA LADUKE (Anishinaabe, Ojibway)

Indigenous activist. Exec. Director, White Earth Land Recovery Project, and Honor the Earth. Founder, Indigenous Women's Network. Former U.S. Vice Presidential candidate (Green Party). Author, *The Militarization of Indian Country*.



NEISEN LAUKON (Republic of the Marshall Islands)

Native of Rongelap Atoll, the largest inhabited atoll affected by U.S. nuclear weapons testing (1946-1958). Provides first-hand accounts of living on contaminated lands. Neisen reports on the forced removals of her people, the destruction of their cultures, current conditions, and the legacy of serious medical problems from the tests, as well as the effects on still polluted lands and current undersea life.



JERRY MANDER

Founder, the Int'l. Forum on Globalization. Founder, Public Media Center. Former ad executive. Author, *Four Arguments for the Elimination of Television*; *In the Absence of the Sacred*; and *The Capitalism Papers—Fatal Flaws of an Obsolete System*.



MZWANELE MAYEKISO (South Africa)

Mzwanele Mayekiso is the Director of the Ikwezi Institute for Research and Development based in Johannesburg. He is a leading activist in the South African Civics movement, focussed on issues of corporate globalization and exploitation, particularly environmental impacts from extraction, fracking and other energy projects. He is owner/editor of *Ndlovuwo Journal*, and author of *Township Politics: Civic Struggles for a New South Africa*.



BILL MCKIBBEN

Environmentalist, Founder, 350.org. Author, *The Age of Missing Information*; and *The End of Nature*. 2013 winner, the Gandhi Prize and the Thomas Merton Prize. "One of the world's 100 most important global thinkers." (*Foreign Policy*)



VICTOR MENOTTI

Executive Director, International Forum on Globalization. Victor has written and spoken extensively about the impact of globalization on ecosystems, and he

has helped build international networks among the traditional farming, forest, fishing, and indigenous communities whose survival depends on them.



STEPHANIE MILLS

Bioregionalist, Editor, Teacher. Fellow, Post Carbon Institute. Author, *Epicurean Simplicity*; *Turning Away from Technology*; and *On Gandhi's Path: Bob Swann's Work for Peace and Community Economics*.



ANURADHA MITTAL (India/U.S.)

Founder/Director, Oakland Institute; Board member, Int'l. Forum on Globalization. Intl. focus on climate change, land grabbing from indigenous peoples of Asia/Africa, globalization issues, and sustainable food systems. Author, *The Great Land Grab*.



PAT MOONEY (Canada)

Co-founder, RAFI (Rural Advancement Fund Int'l.) and ETC. Group. Recipient, Right Livelihood Award (1985). Author, *Shattering: Food, Politics, and the Loss of Genetic Diversity*.



RALPH NADER

America's leading progressive activist. Former U.S. Pres. Candidate (Green Party). Founder, Center for The Study of Responsive Law; Founder, Public Citizen, and "Nader's Raiders." Author, *Unsafe at Any Speed*; *The Seventeen Solutions: Bold Ideas for Our American Future*; and *Unstoppable: the Emerging Left-Right Alliance to Dismantle the Corporate State*.



HELENA NORBERG-HODGE (Sweden/UK/Australia)

Founder, Local Futures (formerly ISEC) and The Int'l. Alliance for Localization (IAL). Founding member, IFG, The Global Ecovillage Network and Committee on the Future of Food. Recipient, Right Livelihood Award (1986) and Goi Peace Prize (2012). Producer/Co-director, *The Economics of Happiness*. Author, *Ancient Futures*. Co-author, *Bringing the Food Economy Home*; and *From the Ground Up: Rethinking Industrial Agriculture*.



KOOHAN PAIK (Korea/Guam/U.S.)

Campaign Director, IFG Asia-Pacific program; Former fellow, Korea Policy Inst.; Member, Women for Genuine Security. Co-author, *The Superferry Chronicles: Hawaii's Uprising Against Militarism, Commercialism, and the Desecration of the Earth*.



DOUGLAS RUSHKOFF, PHD

Media theorist, documentarian, Prof. of Media Studies at CUNY, Queens. Author, ten books on media, technology, and culture, including: *Present Shock: When Everything Happens Now*; *Life, Inc.: How the World Became A Corporation*, and *How to Take It Back*; and *Cyberia: Life in the Trenches of Cyberspace*. Recipient, Marshall McLuhan Award, Media Ecology Association (2002).



LINDA SHEEHAN

Attorney. Exec. Director, Earth Law Center, focused on Rights of Nature. Former ED, Coastkeeper Alliance; Pacific Region Director, Ocean Conservancy. "2009 California Coastal Hero" (Sunset Magazine and California Coastal Commission.)



VANDANA SHIVA, PHD (India)

Physicist, international local food activist, editor. Founder, Navdanya. Chair, Committee on the Future of Food (Tuscany); Board Member, IFG, Third World Network. Recipient, Right Livelihood Award (1993). Author, *The Violence of the Green Revolution*; *Staying Alive*; and *Stolen Harvest: The Hijacking of the Global Food Supply*.

## Techno-Utopianism & the Fate of the Earth



**KATIE SINGER**

Katie's newest book, *An Electronic Silent Spring*, reports on the peer-reviewed studies that show how exposure to electromagnetic radiation (EMR) emitted by mobile devices, cell towers, "smart" utility meters, digital appliances and other electronics affects wildlife and our health. In this most comprehensive book available on EMR, Singer also lays out our federal telecom laws—and realistic solutions for reducing your emissions and exposure.



**GAR SMITH**

Editor emeritus, *Earth Island Journal*. Former editor, *Common Ground Magazine*, and *Pesticide Action Network* magazine. Co-founder and editor of *Environmentalists Against War*. Veteran: Free Speech Movement. Author, *Nuclear Roulette: The Truth About the Most Dangerous Energy Source on Earth*.



**ATOSSA SOLTANI (Iran/U.S.)**

Founder, Director, Amazon Watch. Global Campaigner for Indigenous rights in South America's Amazon, confirming self determination, resource protection, and cultures against rampant oil development. Former Campaign Director, Rainforest Action Network; Chair, the Christensen Fund.



**CHARLENE SPRETNAK**

Author, *Green Politics*; *The Resurgence of the Real*; *Relational Reality*, and many ecosocial essays. Co-founder, U.S. Green Party. Was named by the British government's Environment Dept. in 2006 as one of the "100 Eco-Heroes of All Time." Her new book, published on Oct. 23, is about interrelatedness in an area of cultural history: *The Spiritual Dynamic in Modern Art, 1800 to the Present*.



**VICTORIA TAULI-CORPUZ (Igorot, Philippines)**

Development consultant and international indigenous activist. Founder and Director, Tebtebba Foundation. On 2 June 2014 on, she assumed responsibilities as the third UN Special Rapporteur on the Rights of Indigenous Peoples.



**JIM THOMAS (Canada)**

Program Director, ETC Group, Canada. Formerly with Greenpeace Intl. Focus has been on impacts of synthetic biology, biotechnology, nanotechnologies, geoengineering

and other emerging technologies, as well as the future of converging technology.



**BRUCE THOMPSON**

Adjunct Faculty, California Institute of Integral Studies, Philosophy, Cosmology, and Consciousness Dept. focused on Ecological Economics. Eco-activist, Treasurer Strong Foundation for Environmental Values. Recent articles on bioregional economics and the need for a radical new economics have appeared in *Planet Drum Pulse* and *The Ecozoic*.



**MARY REYNOLDS THOMPSON**

Founder, Live Your Wild Soul Story. Author, *Embrace Your Inner Wild: 52 Reflections for an Eco-Centric World*; and *Reclaiming the Wild Soul: How Earth's Landscapes Restore Us to Wholeness*.



**DOUG TOMPKINS**

Wilderness advocate, mountaineer, climber, organic farmer. Former owner, Esprit. Founder, Foundation for Deep Ecology, Conservation Land Trust, and Conservacion Patagonica (South America.)



**SEVERINE VON TSCHARNER-FLEMING**

Farmer, activist, organizer. Board Member, Schumacher Center for New Economics; Founder and director, The Greenhorns, and Farmhack, open source communities for farm innovation.



**RALPH WHITE (Wales/U.S.)**

Co-founder, New York Open Center, the city's leading venue for holistic learning. A former program director of Omega Institute and editor of *Lapis Magazine*, he has organized scores of major conferences on transforming culture and consciousness.



**LANGDON WINNER, PHD**

Thomas Phelan Chair of Humanities and Social Sciences at Rensselaer Polytechnic Institute. Author, *Autonomous Technology*; and *The Whale and the Reactor*.

## TECHNO-UTOPIA TEACH-IN STAFF

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