

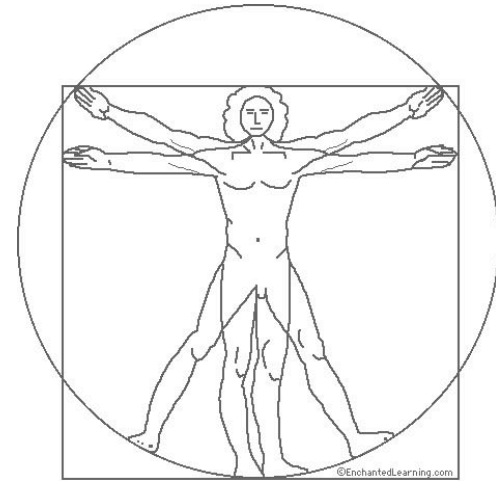


Civilization 2.0

Robert D. Cormia
Foothill College

Civilization 2.0

- A world in **balance**
- A planet in **harmony**
- Global **collaboration**
- How did we get there?
- ***What do humans do?***



A Planet in Peril

- **iPAT**
 - Population
 - Affluence
 - Technology
- ***Globalization***
- *Conflict and war*
- ***Climate change***
- Ecosystem stress
- Pandemics
- ***No master plan!***



Globalization

- We have spread our **presence, affluence, and impact**
- ***7 billion inhabitants***
 - Increasing **wealth**
 - Increasing **impact**
- **Disparities / inequity**
- **Resource competition**
- Need for **collaboration**



Humanitarian Crisis



There is something wrong with this picture



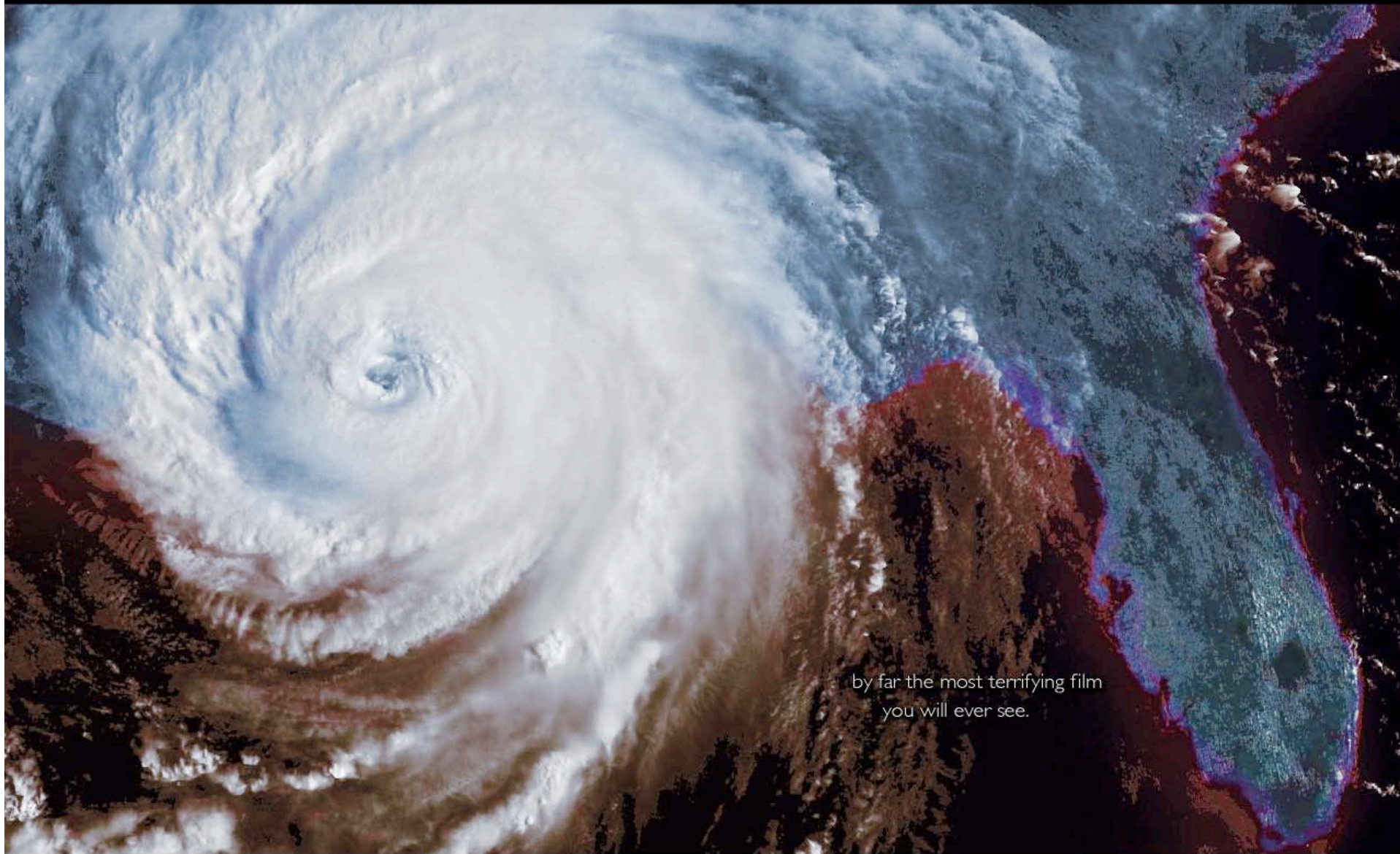
Conflict Resolution?



This was preventable – it didn't need to happen. Where was the dialog?

an inconvenient truth

A GLOBAL WARNING



by far the most terrifying film
you will ever see.

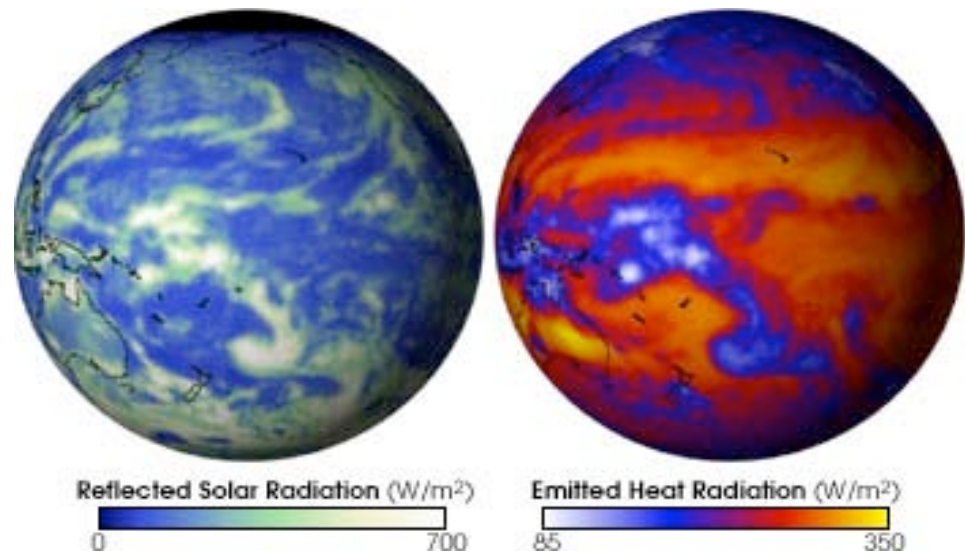
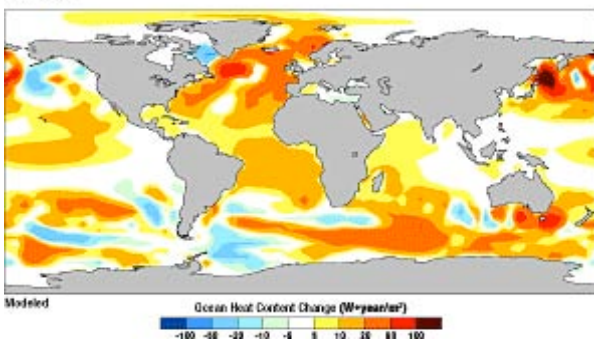
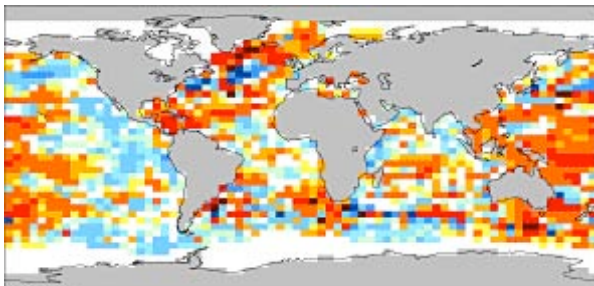
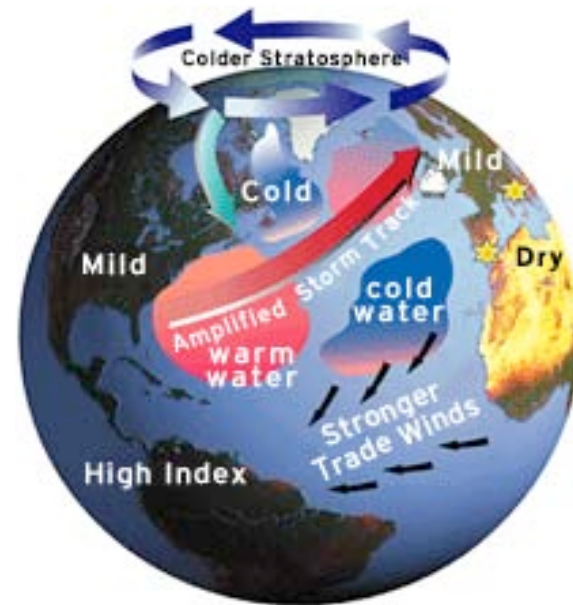


PARTICIPANT

PRODUCTIONS

Copyright © 2006 by PARAMOUNT CLASSICS, a division of PARAMOUNT PICTURES. All Rights Reserved.

An Inconvenient Truth on DVD **November 21**



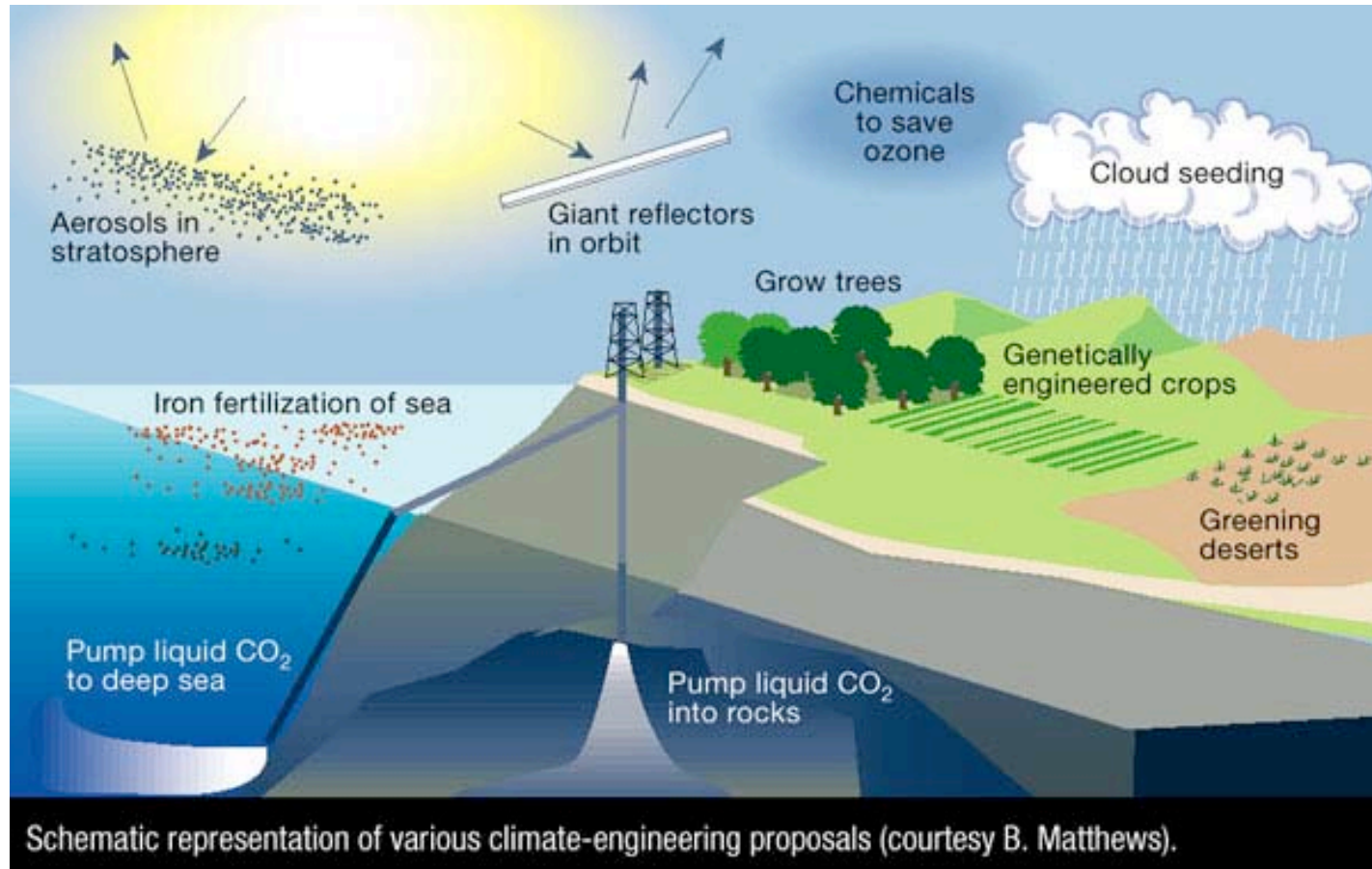
Modeling and preparing the planet and biosphere for climate change

Rapid Glacier Melting



A recent photo of Greenland's shrinking glaciers, courtesy of Creative Commons

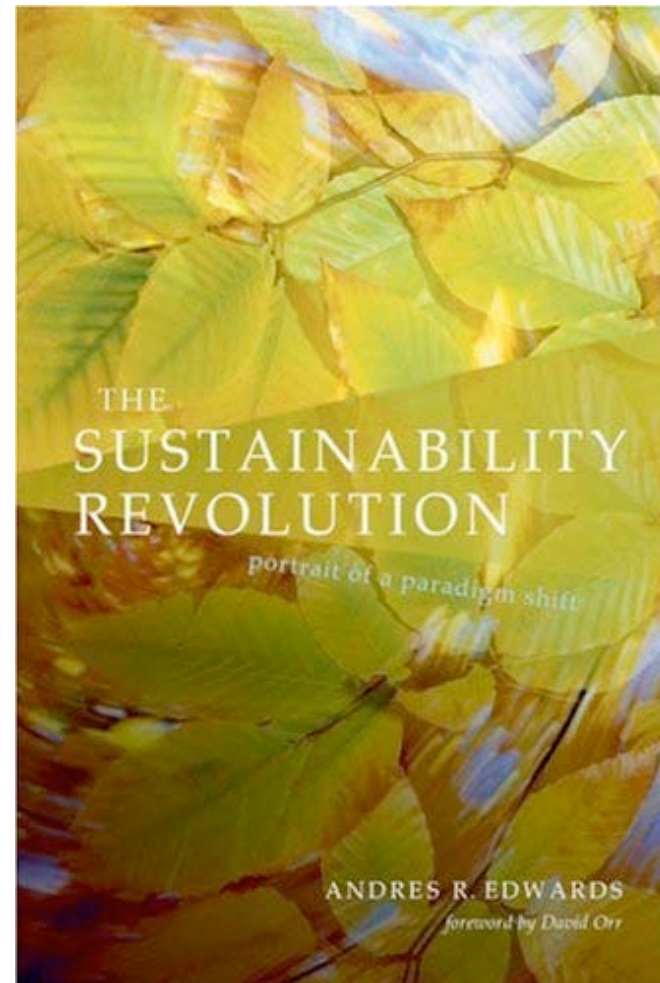
Geoengineering



Geoengineering *Nature* **409**, 420 (18 January 2001) | doi:10.1038/35053208

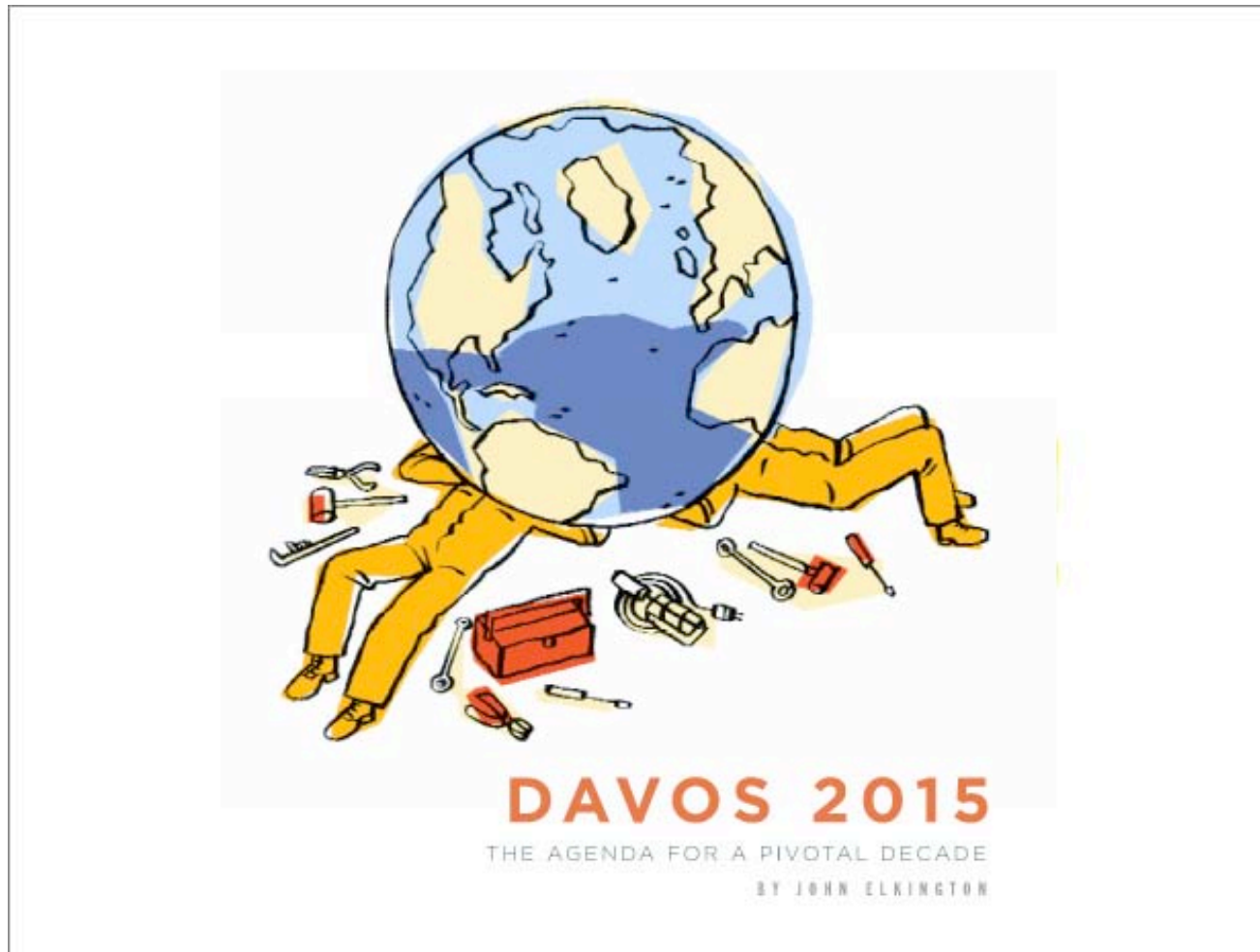
Sustainability Revolution

- Developing a ***sustainable plan***
 - Environment
 - Economics
 - Equity
- Stable **systems**
- Sustainable **values**
- Equitable **economies**
- ***What is the plan?***



<http://www.sustainabilityrevolution.com/>

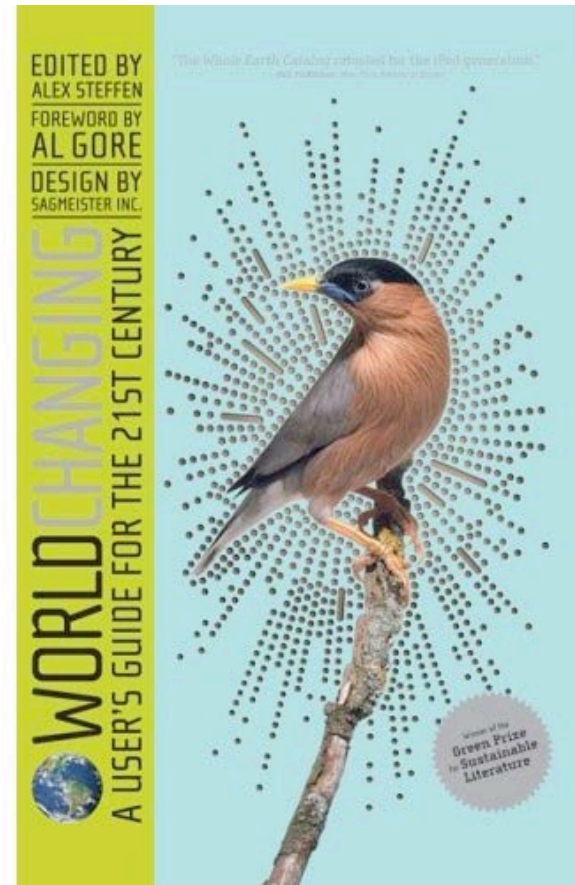
Wrenching on Humanity



<http://www.valuenewsnetwork.com/davos-2015-a-pivotal-decade.html>

World Changing

- Five years ago, Worldchanging was launched as a venue to find, discuss and imagine the world's most innovative solutions to the planet's most pressing problems.
- ***What is the plan?***



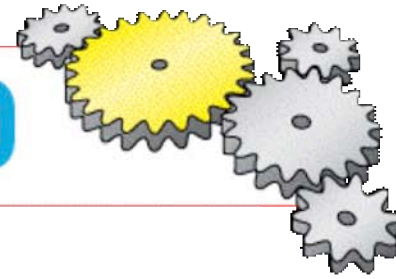
<http://www.worldchanging.com/>

Collaboration



It's time that we got serious about working together to build a better world

Capitalism 3.0



- What is our *business model*?
 - How do we live?
 - How do we work?
- *Value vs. wealth*
 - *Recapturing the commons*
 - *Collaborative Value Creation*
 - *Social capital*

What people are saying...

Recapturing the commons is going to be one of the century's biggest battles. Peter Barnes makes the case for the commons in a straightforward and unsentimental way. An indispensable book on a critical topic.

- Bill McKibben, author, *The End of Nature*

Capitalism 3.0

Home About Download/Buy Contact

Download / Buy

Download [PDF 692kb]

Buy from Amazon

Berrett-Koehler is publishing *Capitalism 3.0* under a **Creative Commons license**. That license allows reproduction for non-commercial purposes without permission. So you can download the book for free, read it, share it with friends, even print it and hand it out on street corners if you want. What you can't do is sell it, or create a derivative work from it.

This raises an obvious question. The printed book costs \$22.95 at most bookstores, and \$15.61 at [Amazon.com](#). Those prices aren't prohibitive, but they're a notch or two greater than zero. So should you buy the book in the usual way, or download it for free with a mouse click?

There are several factors to consider here. The liberation of words from paper, like the liberation of music from vinyl, allows for easy dissemination of creative works. This is a potential boon for readers, but a potential problem for publishers and creators. If all books were downloaded without payment, publishers would go out of business, and authors would have a hard time eating. On the other hand, ideas would circulate a bit more freely.

As the author, here's what I hope will happen. I hope many of you will download and skim the book. If you're intrigued, you'll decide you want to read the book carefully, give a copy to a friend, or keep it on your bookshelf as coffee table. Or you'll use it in your local business or in

A Guide to Recapturing the Commons
by Peter Barnes

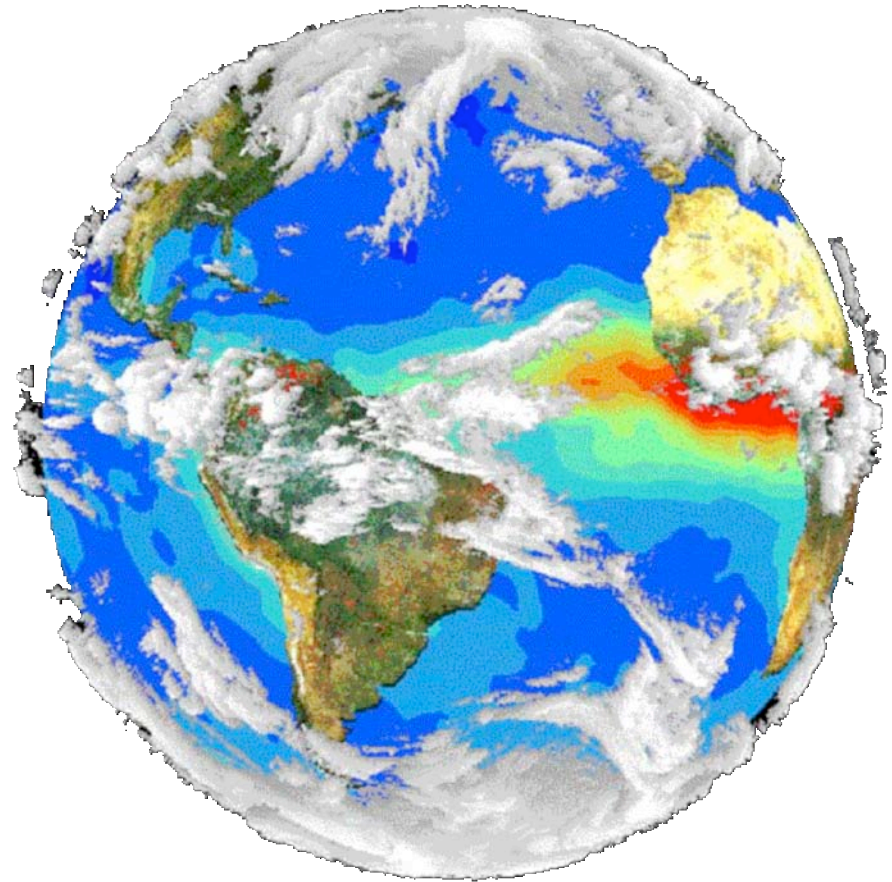
Chapter Excerpts

- Introduction
- Time to Upgrade
- A Short History of Capitalism
- The Limits of Government
- The Limits of Privatization
- Reinventing the Commons
- Trusteeship of Creation
- Universal Birthrights
- Sharing Culture
- Building the Commons Sector
- What You Can Do

<http://www.capitalism3.com/>

Spaceship Earth

- ***This is our only ride***
- No real '2nd chance'
- ***Ecosystem services***
- ***Redefining the mission –***
 - ***- 500 year plan?***
- ***Sustainable Values***



Sustainable Core Values

Environment

1. Ecosystem services – Eco-economy and valuing ecosystem services
2. Concept of limits – linear / exponential rates of extraction in a finite world. Peak Everything.
3. IPAT (Gapminder) – impacts from population, affluence (consumption) and technology
4. Waste = food and 'cradle to cradle' manufacturing / remanufacturing and recycling
5. Biomimicry – learning from nature – and employing 'natural' (biogenic) solutions
6. Diversity – how it works in nature – how it works in society – specialization of skills (economic)

Social

7. Social equity – healthy societies / social systems – foundation of sustainable societies
8. Environmental justice (more complex subset of industry, and social systems, class issues)
9. Cultural sustainability – awareness of cultural identity and cultural values, language, art
10. Personal sustainability – health, personal relationships, foundation for lifelong learning
11. Intergenerational impacts (economics and environmental – debt and resource depletion)
12. Civic engagement (interaction of individual and society) – healthy societies / social systems
13. Ethics (doing what's right when no one is looking)
14. Conflict resolution (at all levels – personal / interpersonal / organizational / political)

Economic

15. Sustainable development – building new innovation economies not tied to consumption
16. Built to last – design, build, and maintain for the long haul
17. Collaboration vs. individualism (as an ethic vs. individual wealth)
18. Collaborative value creation (personal, social and economic models) – Wikinomics
19. Value vs. wealth (new economic models and metrics)
20. Social production / Social capital (adding to information, knowledge and culture)

Summary

- ***Sustainability*** as a ***guiding principle***
- ***Sustainability*** as a ***core value***
- ***We*** need to develop these ***values***
- ***Integrate*** them into our ***disciplines***
- ***Integrate*** them into our ***process***
- Sustainable Learning Outcomes (***SLOs***)

We are in the very best position to develop sustainable core values