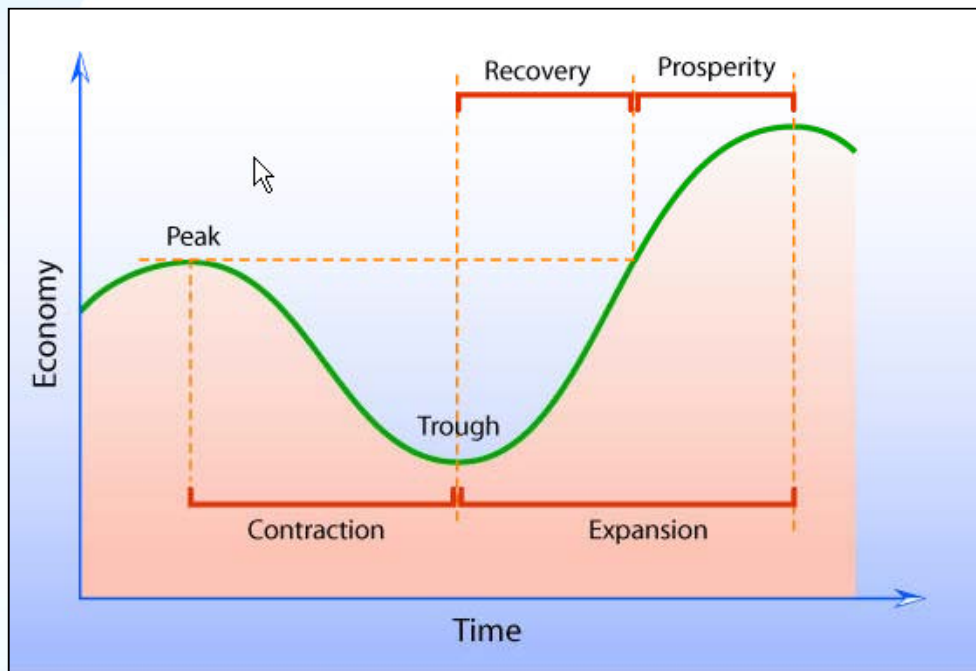


# Overview

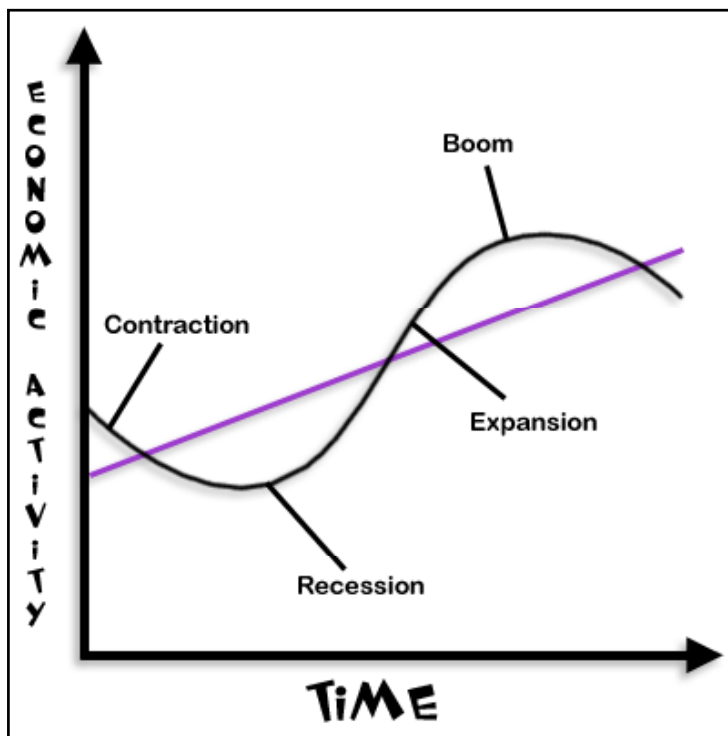
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- Change – past, present, future
- Moving toward a new economy
- Building a new community
- How do we get there?

# Good News: The Business Cycle

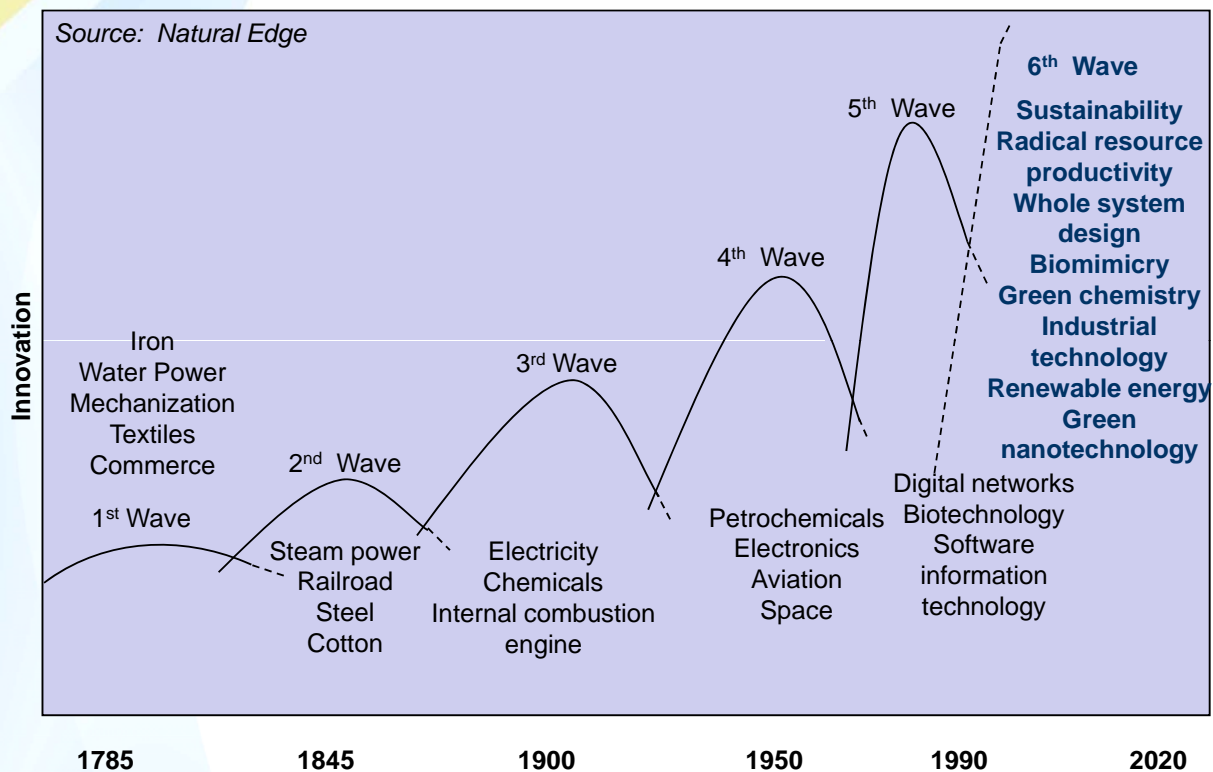


# Bad News: The Business Cycle



# Waves of Innovation

Source: Natural Edge

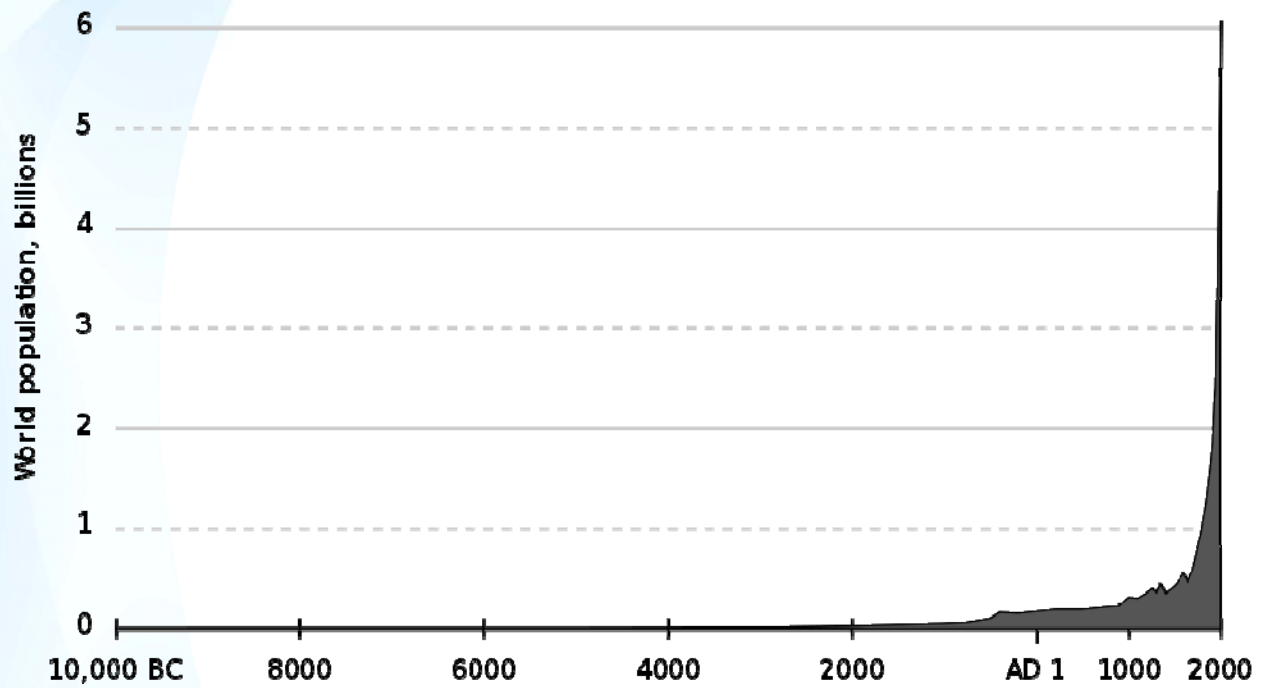


# Other Upward Trends

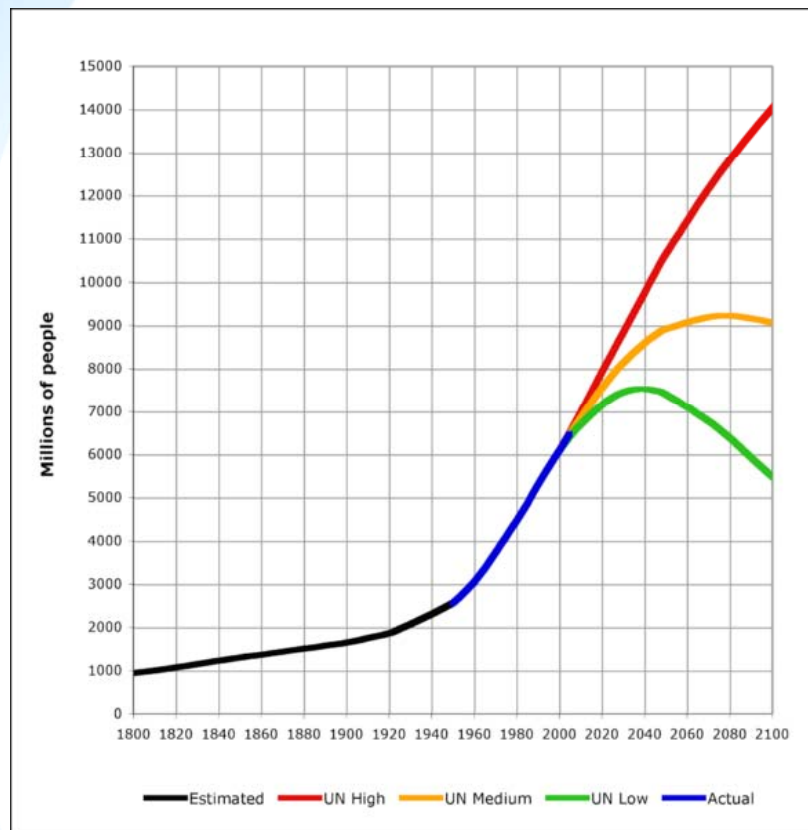
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## Considering the Implications of Growth

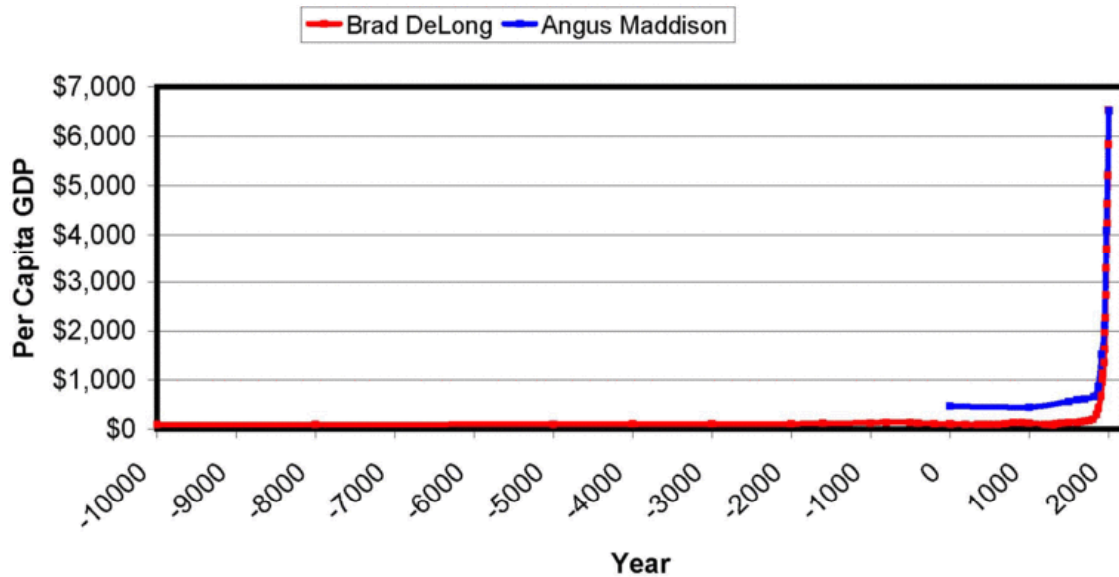
# World Population, 10,000 BC to Present



# World Population Projections



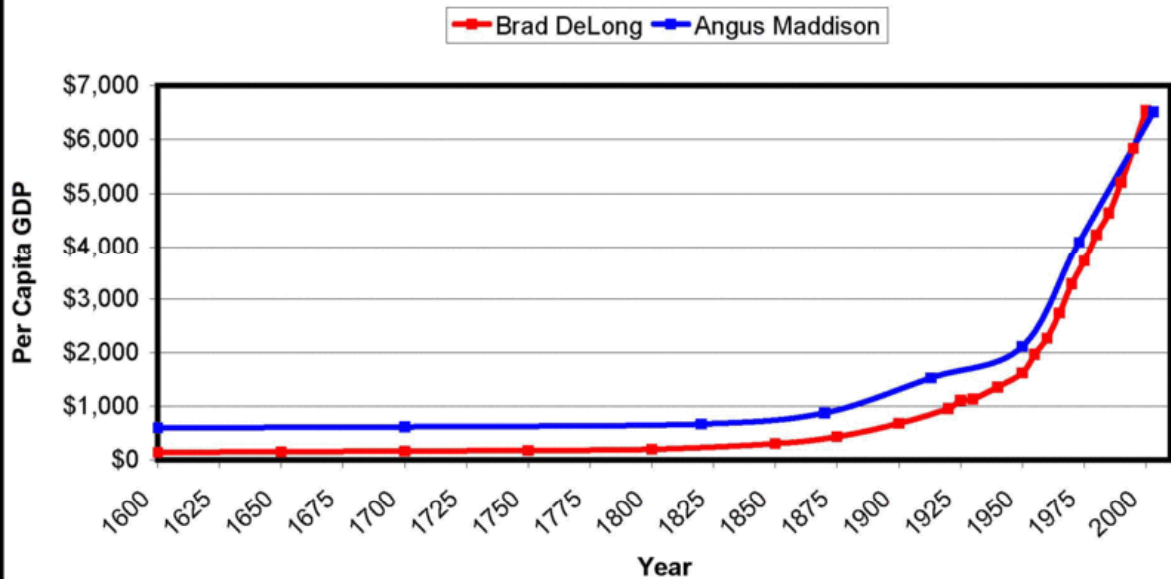
## World Per Capita GDP 10,000 BCE - 2003 CE (1990 Int'l. Dollars)



Source: J. Bradford DeLong, "Estimating World GDP, One Million B.C. - Present" [http://www.j-bradford-delong.net/TCEH/1998\\_DraftWorld\\_GDP/Estimating\\_World\\_GDP.html](http://www.j-bradford-delong.net/TCEH/1998_DraftWorld_GDP/Estimating_World_GDP.html). Accessed Mar 5, 2008; Angus Maddison, "Contours of the World Economy, 1-2030 AD: Essays in Macro-Economic History." New York: Oxford University Press, 2007. 382.

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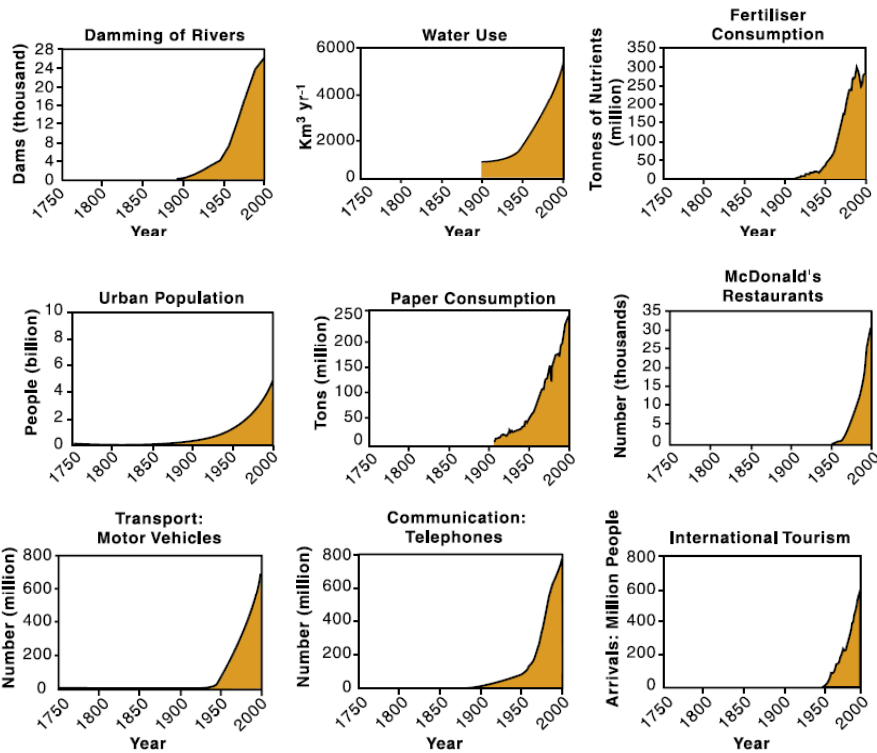
## World Per Capita GDP 1600 - 2003 (1990 Int'l Dollars)



**Source:** J. Bradford DeLong, "Estimating World GDP, One Million B.C. - Present" [http://www.j-bradford-delong.net/TCEH/1998\\_Draft/World\\_GDP/Estimating\\_World\\_GDP.html](http://www.j-bradford-delong.net/TCEH/1998_Draft/World_GDP/Estimating_World_GDP.html). Accessed Mar 5, 2008; Angus Maddison, "Contours of the World Economy, 1-2030 AD: Essays in Macro-Economic History." New York: Oxford University Press, 2007. 382.

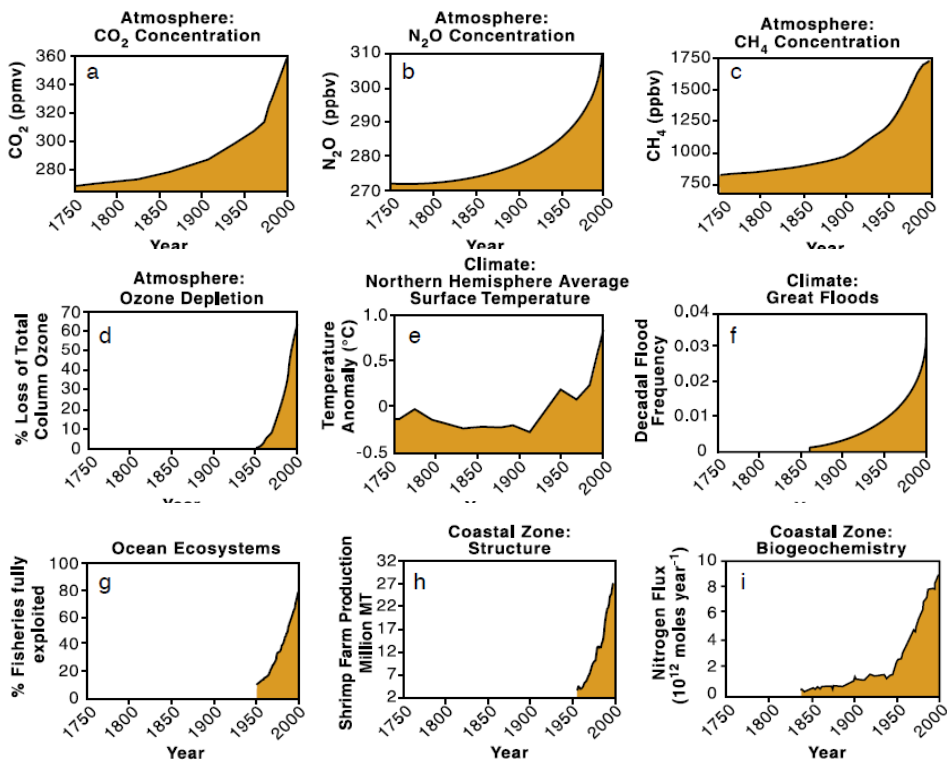
© 2008, Michael W. Kruse

# Societal Pressure on Earth Systems



Source:  
International  
Geosphere-  
Biosphere  
Programme,  
2004

# Societal Pressure on Earth Systems



Source: International Geosphere-Biosphere Programme, 2004

## Conceptual Reform in Economics: Seven Big Ideas

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- Adjust economic scale
- Shift from growth to development
- Make prices tell the ecological truth
- Account for nature's contributions
- Apply the precautionary principle
- Revitalize commons management
- Value women

Source: Gardner, Gary, and Prugh, Thomas, Project Directors. *State of the World 2008: Innovations for a Sustainable Economy*. New York: W.W. Norton & Company, 2008.

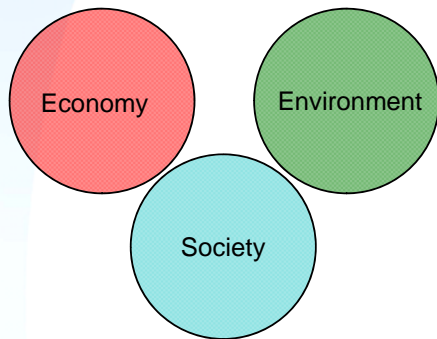
# Moving Toward a New Economy

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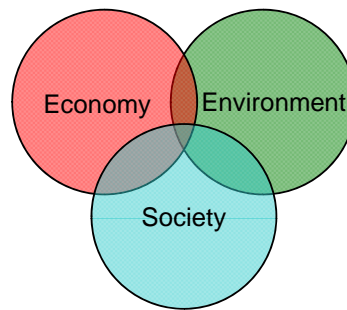
Green economy  
Green collar economy  
Sustainable economy  
Clean economy  
Post-carbon (or carbon neutral) economy  
Circular (recycling) economy  
Steady-state economy  
Human-scale economy  
Local living economy

# Evolving Views of the Community

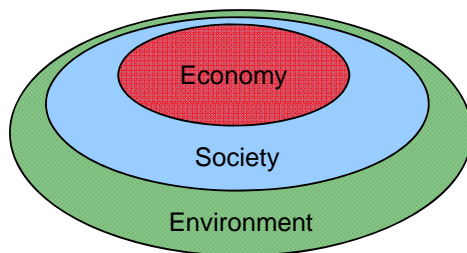
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Unconnected or silos view



Interconnected or linkages view



Interdependent, nested, or systems view

# Systems Thinking

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- Systems consist of **individual but interrelated parts**.
- Systems depend on the **relationships** among the parts as much as the parts themselves.
- These relationships make the **whole greater than the sum of its parts**.
- When you **dissect** the system, you destroy the pattern of relationships.

# Sustainable Community Development

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## Drivers

- Sustainable development and systems thinking

## Goal

- Sustainability

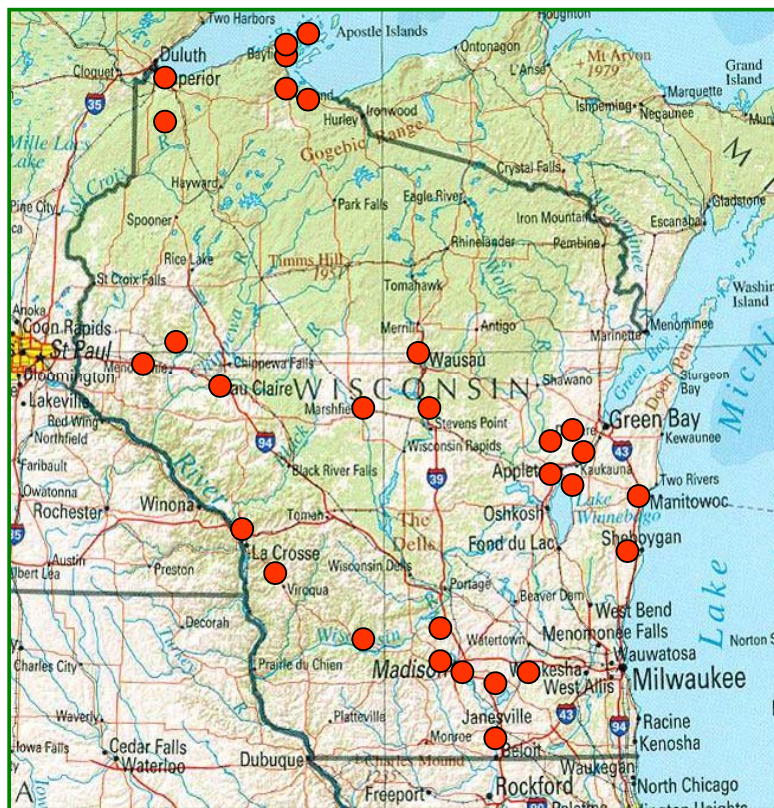
## Emerging Strategies

- Green collar jobs
- Alternative and renewable energy sources

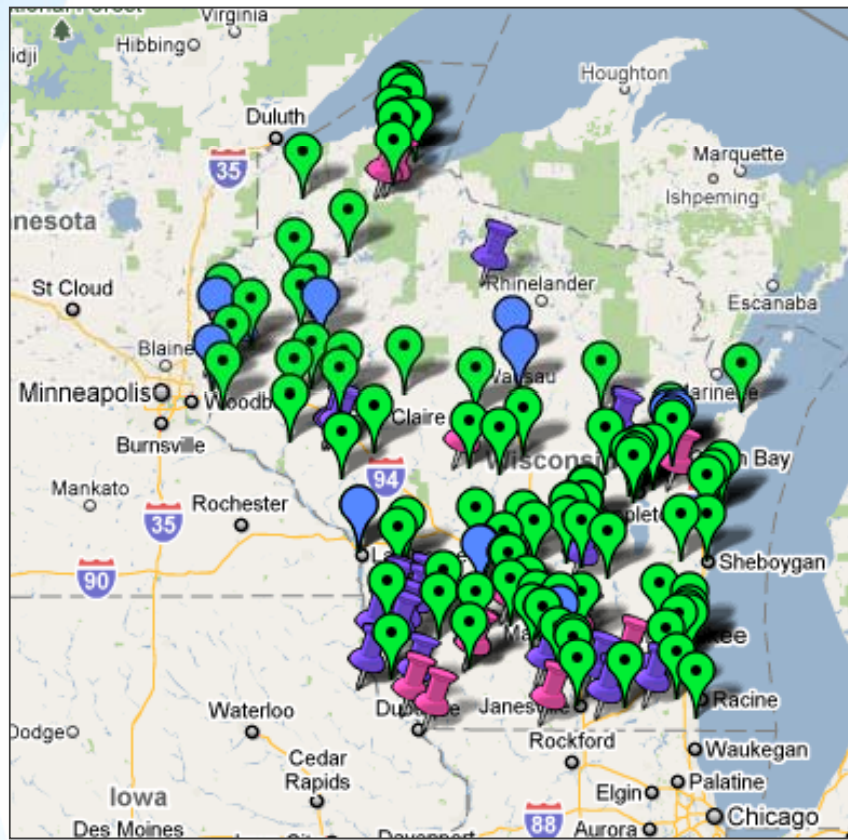
- Local food systems
- Sustainable (eco) tourism
- Triple bottom line business
- Industrial ecology
- Valuing ecosystem services
- Precautionary principle
- Eco-municipality movement (The Natural Step)
- Transition Towns

# Wisconsin Eco-municipalities

- Town of La Pointe
- City of Washburn
- City of Ashland
- City of Madison
- City of Bayfield
- Town of Bayfield
- Douglas County
- Village of Johnson Creek
- City of Marshfield
- City of Manitowoc
- City of Neenah
- City of Menasha
- Town of Menasha
- City of Eau Claire
- Town of Cottage Grove
- City of La Crosse
- La Crosse County
- City of Stevens Point
- City of Wausau
- City of Beloit
- City of Baraboo
- City of Sheboygan
- Dunn County
- Village of Spring Green
- Village of Colfax
- Town of Greenville
- Village of Shorewood



# Energy Independent Communities



Cooperative Extension

Center for Community & Economic Development

Extension

# Four Sustainability Principles

In a sustainable society, nature is not subject to **systematically increasing**...



...concentrations of substances extracted from the Earth's crust,



...concentrations of substances produced by society,



...degradation by physical means,

and, in that society...



...people are not subject to conditions that systematically undermine their capacity to meet their needs.

# Fundamental Human Needs

Subsistence

Protection

Participation



Idleness

Affection

Understanding



Creativity

Identity

Freedom



# Transition Model

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“ . . . a positive, solutions-focused way of gathering those around you together to start exploring community-scale responses to peak oil and climate change.”

Rob Hopkins. *The Transition Handbook*, 2008.

# Transition: Guiding Principles

- Inner and Outer Transition
- Positive Visioning
- Inclusion and Openness
- Enable Sharing and Networking
- Build Resilience
- Self-organization and decision making at the appropriate level



# Three Basic Policy Goals

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- Sustainable scale
- Just distribution
- Efficient allocation

Source: Daly, Herman. *Ecological Economics*. Island Press, 2004.

# Building a New Community

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Durable  
Sturdy  
Stable  
Hardy  
Robust  
Resilient  
Human scale  
Self-reliant  
Localized

# Community Engagement

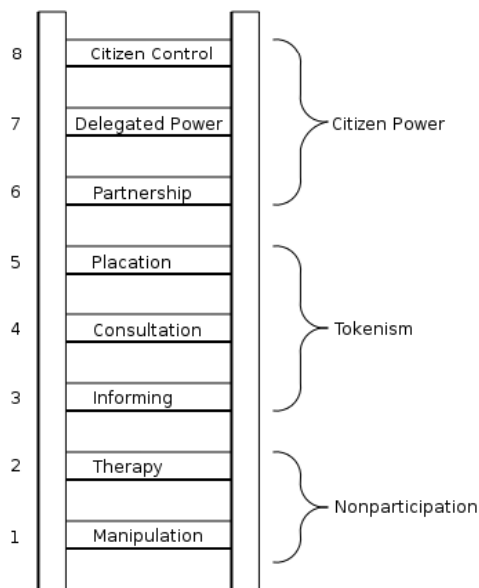
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Participatory  
Inclusive  
Decentralized  
Self-organizing  
Horizontal  
Open  
Collective  
Fair and just  
Empowering

# How do we get there?

- The sustainability-participation connection
  - Ecosystems are about connectedness and interdependence
  - Relationships are more important than parts
  - Wisdom is about understanding interdependence
  - Understanding of others can only occur through interaction with them
  - Interacting requires participation of everyone

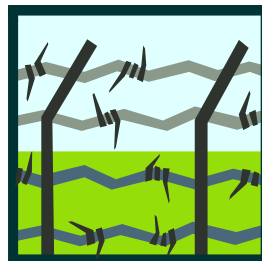
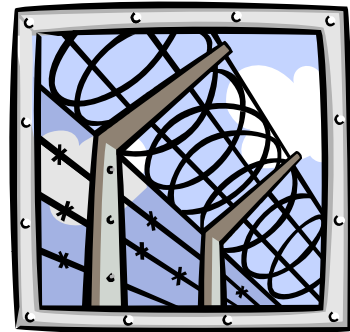
# Ladder of Participation



*Arnstein, Sherry R. "A Ladder of Citizen Participation," JAIP, Vol. 35, No. 4, July 1969, pp. 216-224*

## Who doesn't Participate--the Excluded

- People with lower income
- People with less education
- People of color
- People with disabilities
- Single parents
- Immigrants

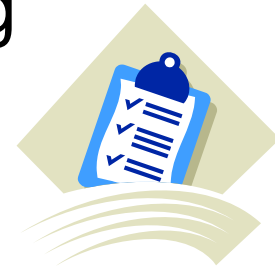


# How to Prevent the Excluded from Participating

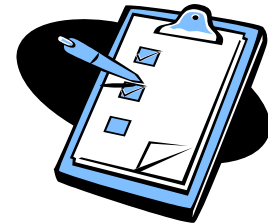
- Meetings during working hours
- Meetings without child care
- Mealtime meetings without food
- Inaccessible meetings
- No translation at meetings
- No public transport to meetings



## How to Discourage the Excluded from Participating

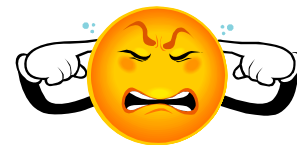


- Elites control the agenda
- Plan is worked out before the meeting
- Final decisions will be made by others
- Boring meetings
- Non-interactive meetings
- Results of meeting are ignored



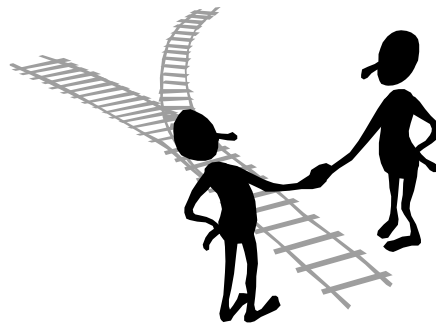
# The Consequences of Exclusion

- NIMBYism
- Disillusionment
- Abstinance from elections
- Distrust of government
- Tax resistance
- Development resistance



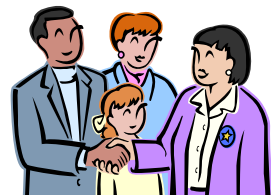
# Changing our Thinking

- Respecting adversarial democracy
- Embracing diversity
- Climbing up the ladder of participation
- Appreciating creativity



# Building the Base for Inclusion

- Building relationships with the excluded (one on ones, small groups, listening projects)
- Building participation skills of the excluded
- Organizing the excluded (from small groups to sustainable organizations)



# Why Consensus Processes May Not Work

- There are contradictory material interests.
- There is not an honest desire among power holders to share power.



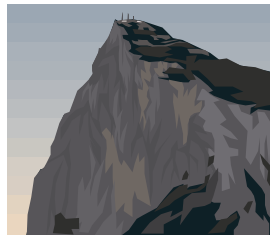
# Adversarial Processes

- Riots
- Protests
- Community organizing



# Professional Challenges for the Community Worker

- Elites like having control
- Elites control the community worker's salary
- Racism, sexism, classism, homophobia, etc.



# Managing the Challenges



- Dividing elites
- Educating elites
- The civic engagement backdoor



# Resources

- The Guide to Effective Participation <http://www.partnerships.org.uk/guide/index.htm>
- The Citizen's Handbook <http://www.vcn.bc.ca/citizens-handbook/>
- The Study Circles Resource Center <http://www.studycircles.org/>
- Fond du Lac Diversity Circles <http://www.fdl.uwc.edu/diversitycircles/>
- Consensus Organizing Center <http://consensus.sdsu.edu/>
- Organizing <http://www.tenant.net/Organize/>