



Thinking Like a City: Grounding Social-Ecological Resilience in an Urban Land Ethic



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DUALISTIC THINKING

City v. Country

Urban v. Rural

Human v. Natural


Conqueror v. Conquered

Replace with Resilience Thinking



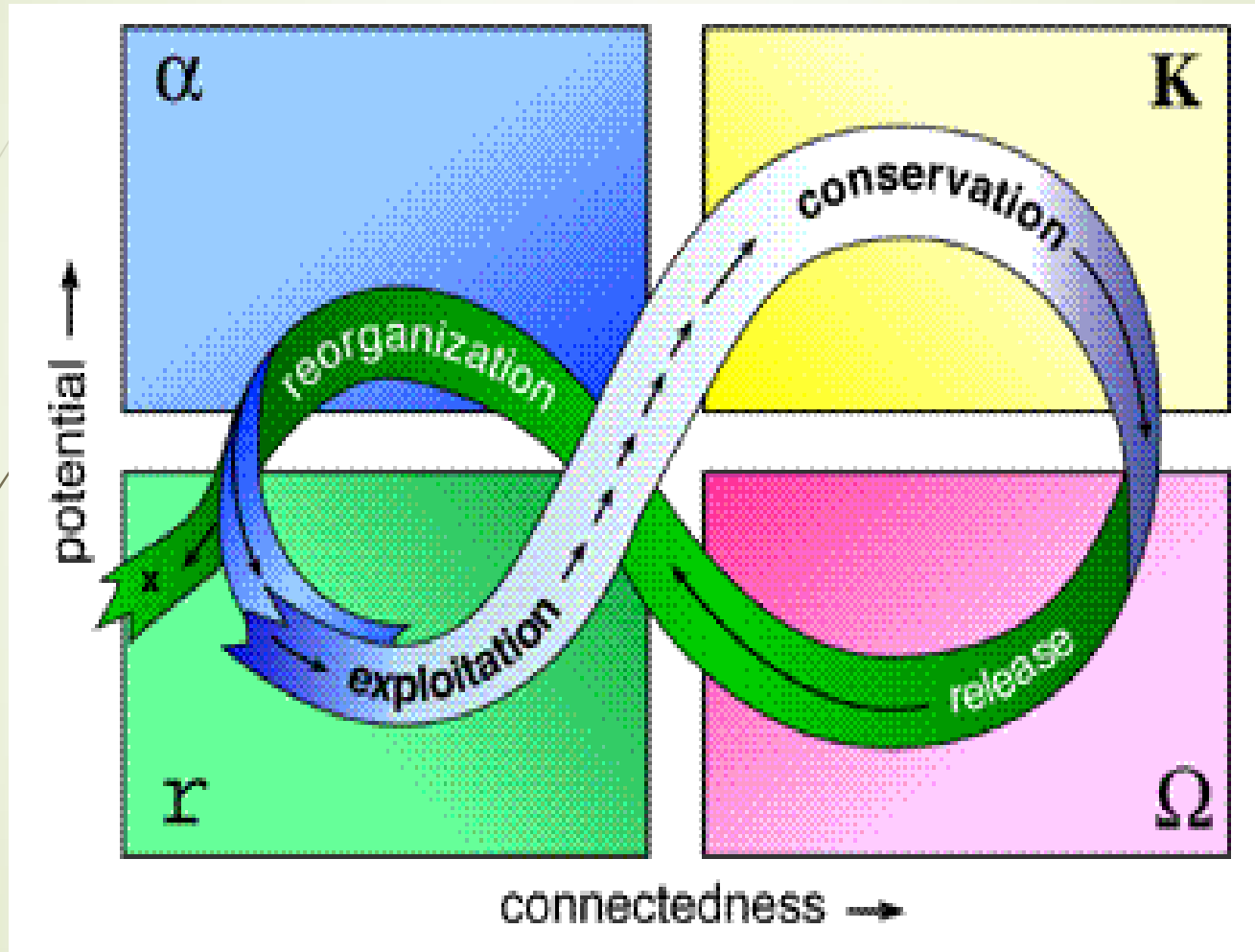


Resilience Theory



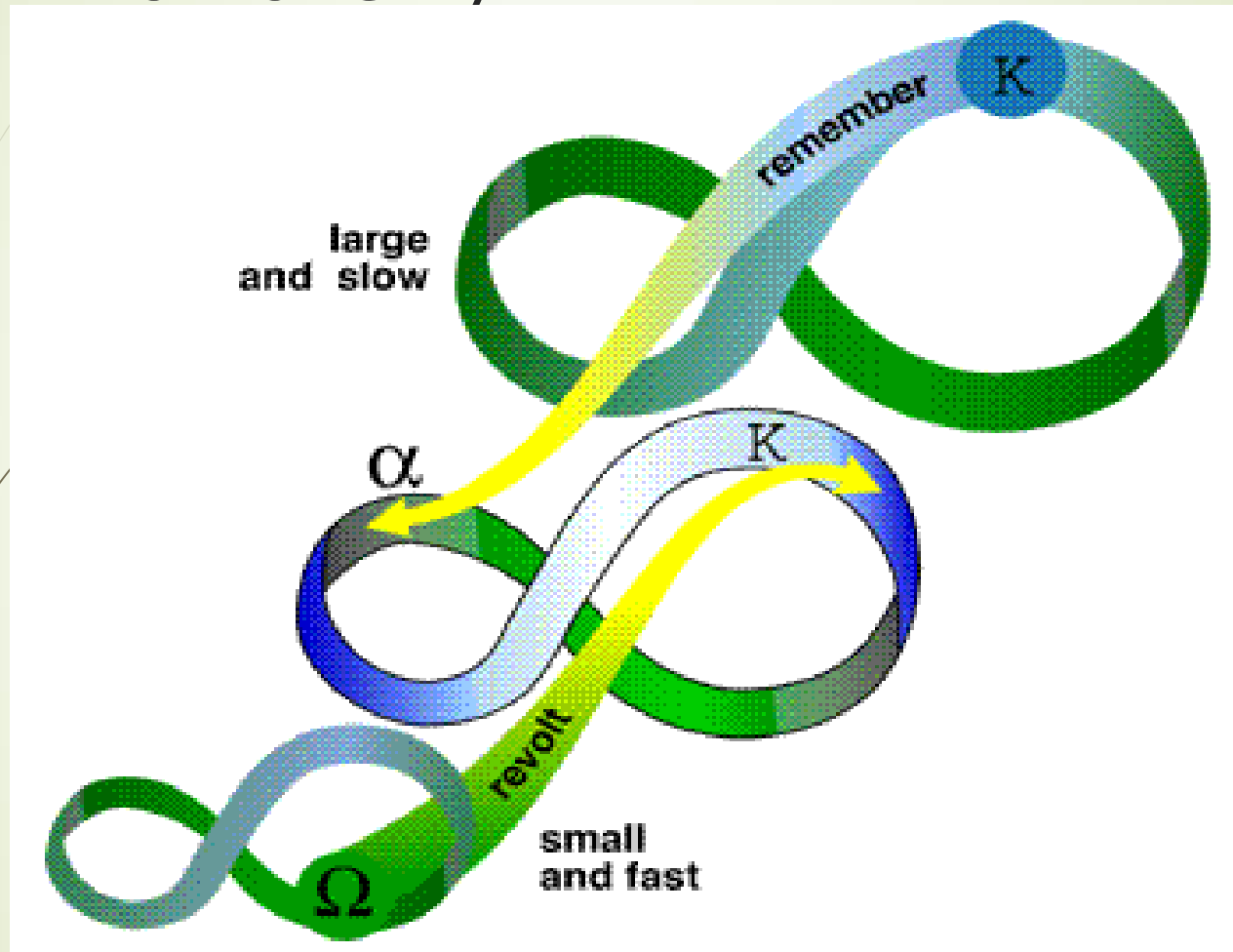
The capacity of a system to absorb disturbance and retain essentially the same function and structure – to have the same identity and remain in the same regime.

Adaptive Cycle



Source: Lance H. Gunderson & C.S. Holling, eds., *Panarchy: Understanding Transformations in Human and Natural Systems* (2002).

Panarchy



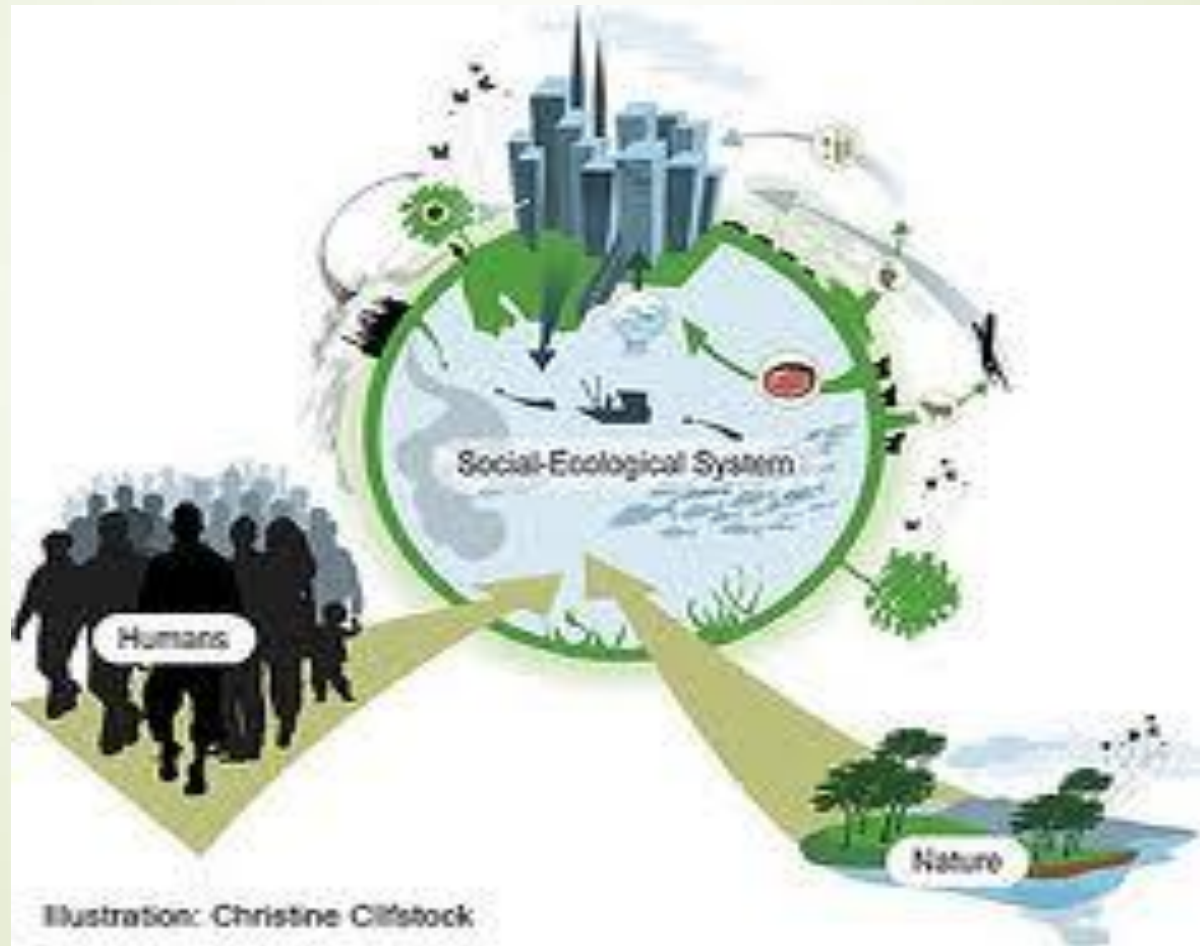
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What is a “Resilient City”?

Sustainable network of physical systems and human communities



The City as a Social-Ecological System





Foundations of an Urban Land Ethic

- ▶ Leopold's Land Ethic
 - ▶ Jacob's Urban Ethic
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Urban Land Ethic

- Human Environment: Society & Culture
 - Built Environment
 - Natural Environment
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Cultivating an Urban Land Ethic

- Sense of Place
 - “Biosensitive Society” (Stephen Boyden)
 - Biophilia (E.O. Wilson)
 - Re-naturing (Richard Louv)
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Legal Devices for Promoting Urban Resiliency

- Cross and multidisciplinary
 - Multi-scalar
 - Information Sharing
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Role for Law in Implementing Resiliency Thinking

- Disaster Planning
- Energy
- Natural Resources (adaptive management)
- Housing
- Transportation
- Employment
- Land Use Planning
- Food Security
- Civic-Ecological Education
- Community Collaboration & Empowerment
- Adaptive Governance

