Summer 2013 Course: System Sustainability and Organizational Resilience

Wednesdays, 6/26 - 8/14, 5:00 to 8 pm (PA510 3 credits, SySc510 4 credits)

Organizations are complex adaptive systems coupled with their environment, supply chains, strategic partners, and competitors. Survival depends on structural resilience and the turbulence of the markets, environment, and political climate. Ideas and principles of emergent leadership and living systems are explored in the context of strategic management. Concepts are relevant to systems & environmental science, business, and public administration.

Telling a story with a causal loop diagram:

Instructors
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Texts:

Format:
Readings, In-class discussion, Web-based discussion, Written syntheses, Projects

Attractors depict the trajectories of non-linear systems; these are considered to be “strange”

Chua(electronics) Duffing(oscillator) Lorenz(weather) Rössler(chemistry)