
Welcome to

Complexity and the Social Sciences -

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Stockholm Resilience Centre
Research for Governance of Social-Ecological Systems



**Systems ecology (thresholds surprises
Risk, vulnerability -> coping strategies.**

Governing (ML) complex (ML) systems

multilevel inst. levels, non-linear behaviour



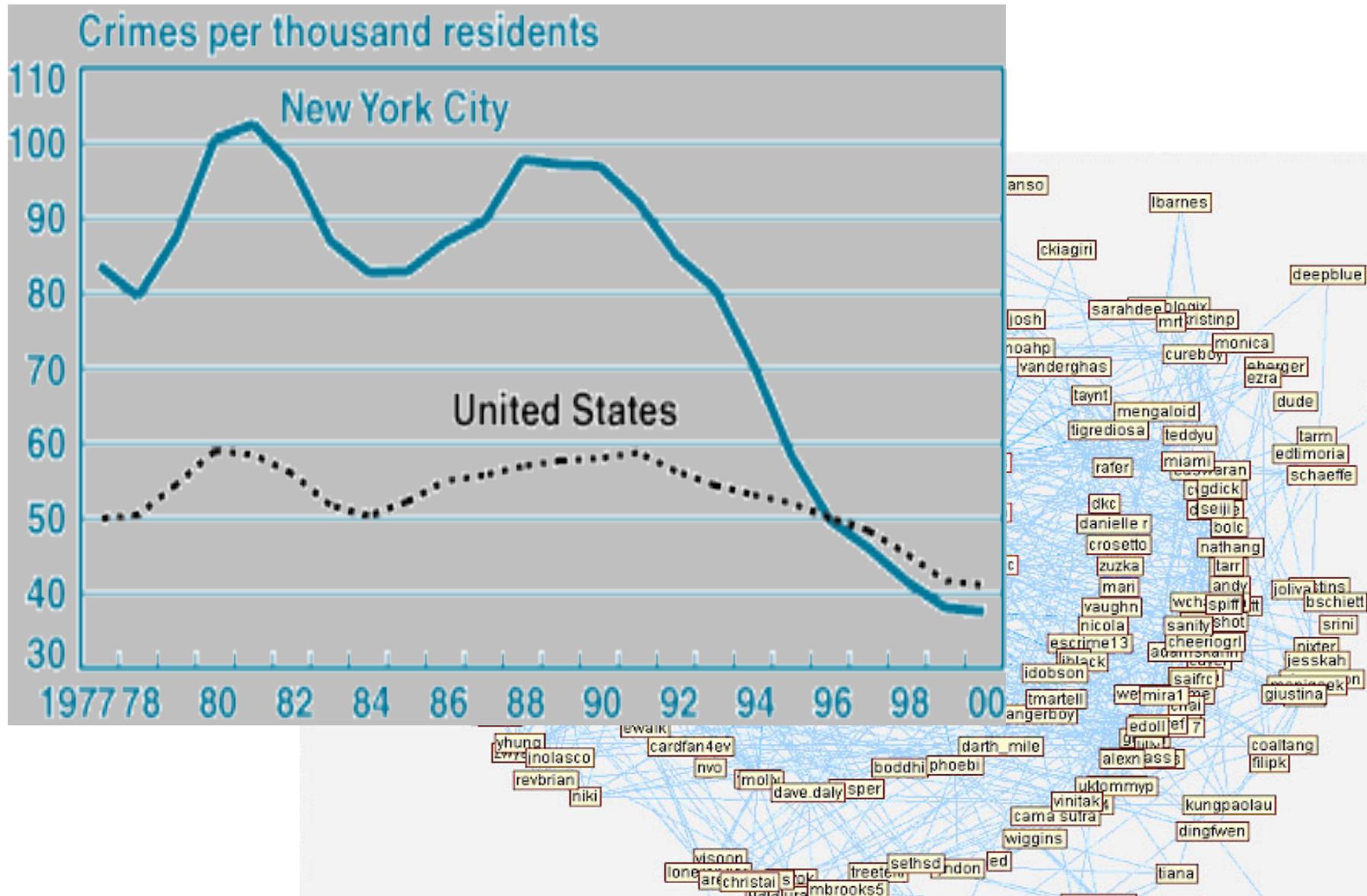
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Buzzwords and Complexity

**Self-organization, attractors, stability
landscape, panarchy, adaptive cycles,
resilience, complex adaptive systems, chaotic
behaviour, non-linear behaviour, hysteresis,
phase transitions, co-evolution, bifurcation
points, edge of chaos, self-organized
criticality, coupled social-ecological systems,
etc, etc.**





I'm not an expert nor your teacher...

...just a facilitator!

Self-organize social event soon!?



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Lectures - be prepared, but feel free to ask "stupid" questions.

You/your group will be "assigned" to prepare 3-4 questions for each lecture.

Final workshop 2/10, 09:00-16:00

- NATURENS HUS (meet at T-Universitetet 08:30)**
- Discuss your draft papers. More details to come!**
- You are expected to write a short "book review", deadline, 30/9, 16.00.**



I want the credits, what do I need to do?

- Participate in all lectures
- Finalize and present paper at final workshop.
- Grades "Passed/not passed".



Be creative, have fun!



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Groups

Group A: Cibel, Reza, Hennie, Björn

Group B: Jacob, Ari, Cristian, Francesca, Ingvar

Group C: Magnus, Martin, Barry, Patricia

Group D: Markus, Nicodemus, Lisen, Vikrum,

Group E: Stephan, Gunnar, Brigitte LG, Sara



Preparation of questions for lectures

Lecture 3, Group A

Lecture 4, Group B

Lecture 5, Group C

Lecture 6, Group D

Lecture 7, Group E



Resilience is the capacity to absorb change and reorganize without a significant change in structure and function. It addresses how systems assimilate disturbance, innovate, and change, while simultaneously maintaining characteristic structures and processes.

