

Syllabus courses for PH.D. course at La Sapienza in “Research in Socio-economic and Statistical Studies”

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Cooperation to avert climate change: Theory and experiments

1. The physics of natural eco-systems
2. Interaction to avert climate change through the lenses of game theory: Is the “Tragedy of the commons” inevitable?
3. Psychological hurdles to accepting “inconvenient truths”: Cognitive dissonance and discounting of future adverse events
4. A classification of collective action problems (including epidemics)
5. The Experimental Evidence: Coordination Failures and Cooperation Failures
6. Sanctions and Climate Clubs as a solution to Cooperation Failures
7. Sanctions in an international context

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