

PPE 300 Handout
Day Three on Ostrom, Governing the Commons, 4-8-19
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Exercise One: Checking for Understanding

Answer these three questions by yourself, without using your notes.

What is the typical game theory prediction in the situation faced by stakeholders in three California basins?

What is the different outcome Ostrom observes? What are some social or institutional mechanisms that these stakeholders used to bring that outcome about?

What is important about **incremental** processes of change? How do they change people's incentives to make it easier to solve CPR problems?

Exercise Two: Failed CPR Institutions

Prepare a two-to-four-minute explanation of how your group's CPR situation failed to meet some or all CPR design principles, as outlined in the table below. You will present your explanation to the class. Make sure that most or all group members contribute!

1. Give the very, very basic gist of your group's CPR situation.
2. Explain, using examples, how your group's CPR situation failed to meet some or all CPR design principles.
3. ***Even better***, discuss and explain whether your group's CPR institutions were robust, fragile, or failed (last column of table).
4. ***And even better***, think about one question or confusion you have about Ostrom's discussion of your case.
5. ***And even even better***, think about a current example of a failed CPR situation. Discuss which CPR design principles it fails to meet.

Bay of Izmir and Bodrum, Turkey:

Mawelle, Sri Lanka:

Kirindi Oya, Sri Lanka

Port Lameron, Canada

Table 5.2. *Design principles and institutional performances*

Site	Clear boundaries & memberships	Congruent rules	Collective-choice arenas	Monitoring	Graduated sanctions	Conflict-resolution mechanisms	Recognized rights to organize	Nested units	Institutional performance
Törbel, Switzerland	yes	yes	yes	yes	yes	yes	yes	NR ^a	robust
Japanese mountain villages	yes	yes	yes	yes	yes	yes	yes	NR	robust
Valencia, Murcia, & Oriheula, Spain	yes	yes	yes	yes	yes	yes	yes	yes	robust
Raymond, West, & Central basins (current)	yes	yes	yes	yes	yes	yes	yes	yes	robust
Alicante, Spain	yes	yes	yes	yes	yes	yes	yes ^b	yes	robust
Bacarra-Vintar, Philippines	yes	yes	yes	yes	yes	yes	yes	yes	robust
Alanya, Turkey	no	yes	weak	yes	yes	weak	weak	NR	fragile
Gal Oya, Sri Lanka	yes	yes	yes	yes	^c	weak	weak	yes	fragile
Port Lameron, Canada	yes	yes	weak	yes	yes	yes	no	no	fragile
Bay of Izmir & Bodrum, Turkey	no	no	no	no	no	no	weak	no	failure
Mawelle, Sri Lanka	no	yes	no	yes	yes	no	no	no	failure
Kirindi Oya, Sri Lanka	yes	no	no	no	no	no	no	no	failure
Raymond, West, & Central basins (earlier)	no	no	no	no	no	yes	yes	no	failure
Mojave groundwater basins	no	no	yes	no	no	yes	yes	no	failure

^aNR = not relevant.

^bWith two major exceptions, from 1739 to 1840 and 1930 to 1950.

^cMissing information.