

**Resource Management:
INSTITUTIONS AND
INSTITUTIONAL DESIGN**

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Classification of rules

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Literature

Ostrom, Elinor 2005, *Understanding
Institutional Diversity*, Princeton
University Press, Princeton, Ch 6-7

- Why classify generic rules
- Classifying rules

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Using the grammar

- Disentangling formal laws and informal institutions
- Legitimacy and compliance
- Basic normative assumptions
 - Sign, size and interpretation of deltas
 - Types of players reflected in deltas
 - Creation and maintenance of deltas
- Freedom and constraint
- Institutional configurations
- Field studies:
 - Listen for normative discourse
 - The "know and use" condition
 - Precision of institutional statements and scale of problem

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Why classify generic rules?

- Solve babbling equilibrium problems
- Needs of policy analysts in reforms
- Moving beyond slogan words
- Coping with the diversity of rules
 - Diversity needs trial-and-error approaches to rule change
- Rules as information transmission/ transmission mechanisms
- Universality of rules structure in action situations

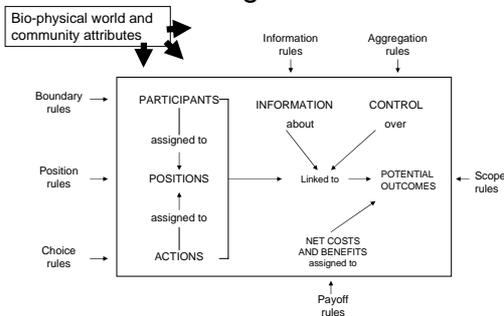
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Classifying rules

- The horizontal approach:
 - Using the direct AIM for classification
- The vertical approach:
 - Levels of authority involved (operational, collective choice, constitutional choice)
- The ADICO formula for a rule suggests that classifying by the AIM might be most useful
 - “[ATTRIBUTES of participants] who are [OBLIGED, FORBIDDEN, OR PERMITTED] to [ACT in a certain way or AFFECT an outcome]] under specified [CONDITION], [OR ELSE]”

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Rules affecting action situations



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Types of rules (3)

- Aggregation rules when joint decisions are required
 - Non-symmetric aggregation rules (expert/ dictator, oligarchy, weighted votes)
 - Symmetric aggregation rules (unanimity, majority, anyone)
 - Lack of agreement rules (continue as before, no one receives any outcome, assign state variables at random, external decision maker). Type of no agreement rule heavily affects outcomes in experiments

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Types of rules (4)

- Information rules
 - Channels of information flows (required, prohibited, permitted)
 - Frequency and accuracy of information
 - Subject of communication
 - Official language
- Payoff rules
- Scope rules (define the set of outcome variables that must, must not or may be affected by actions (including their permitted rang of variation) taken within the situation)
 - Rules with AIMS tied to positions, boundaries, information, payoffs or aggregation are not counted as scope or choice rules
 - Rules with action AIMS are choice rules,
 - Rules with outcome AIMS are scope rules
 - In the real world choice rules are more used and studied than scope rules

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The default condition when no rules exist: The Hobbesian "state of nature"

Default Position Condition	One position exist.
Default Boundary Condition	Anyone can hold this position.
Default Choice Condition	Each player can take any physically possible action (this requires default aggregation).
Default Aggregation Condition	Players act independently. Physical relationships present in the situation determine the aggregation of individual moves into outcomes.
Default Information Condition	Each player can communicate any information via any channel available to the player.
Default Payoff Condition	Any player can retain any outcome that the player can physically obtain and defend.
Default Scope Condition	Each player can affect any state of the world that is physically possible.

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