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What makes 'transboundary' pollution problems different? How can they be solved?



Central issues of transboundary water management



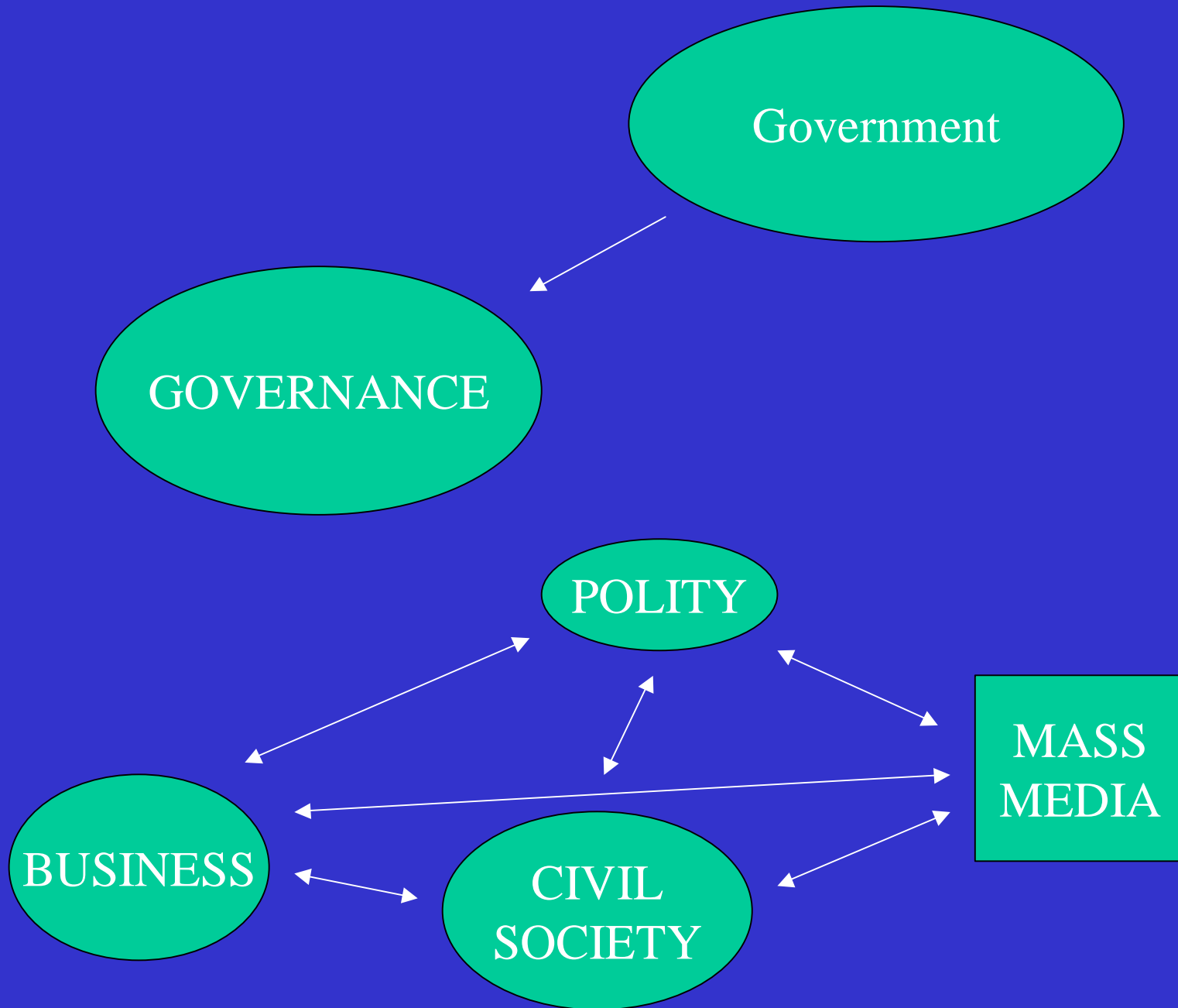
Scientific information

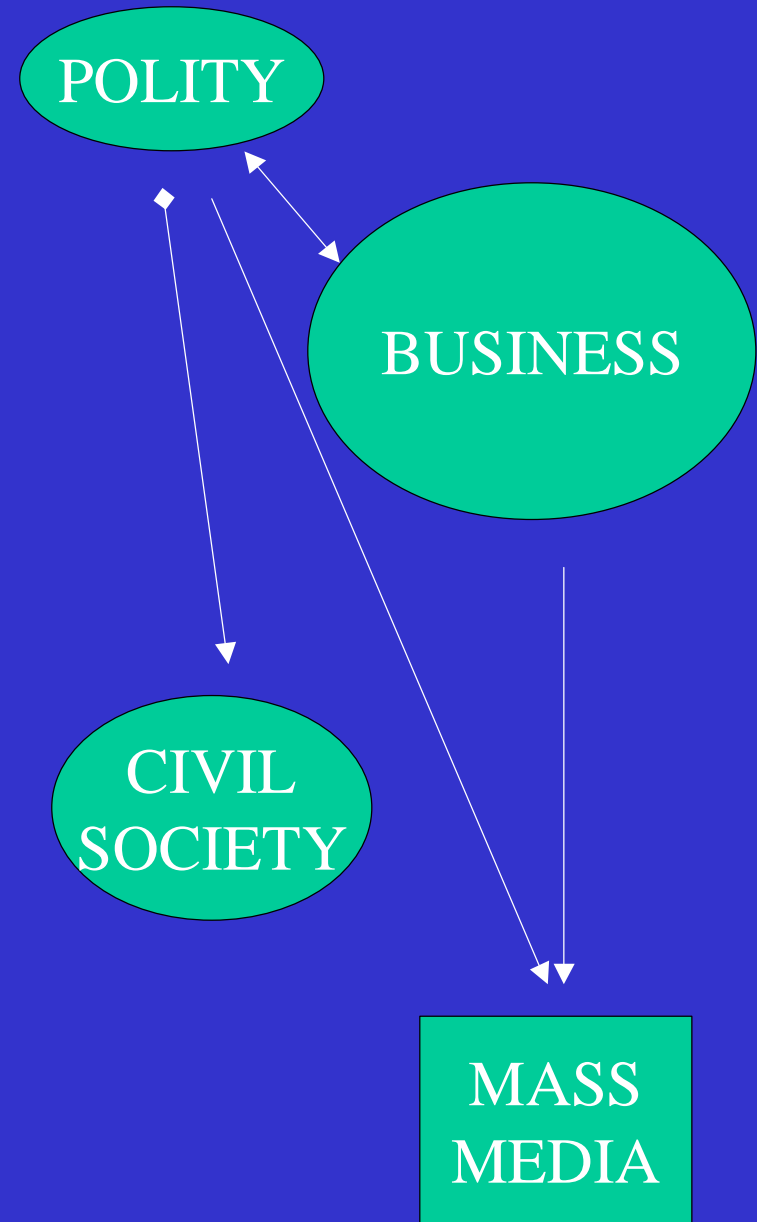
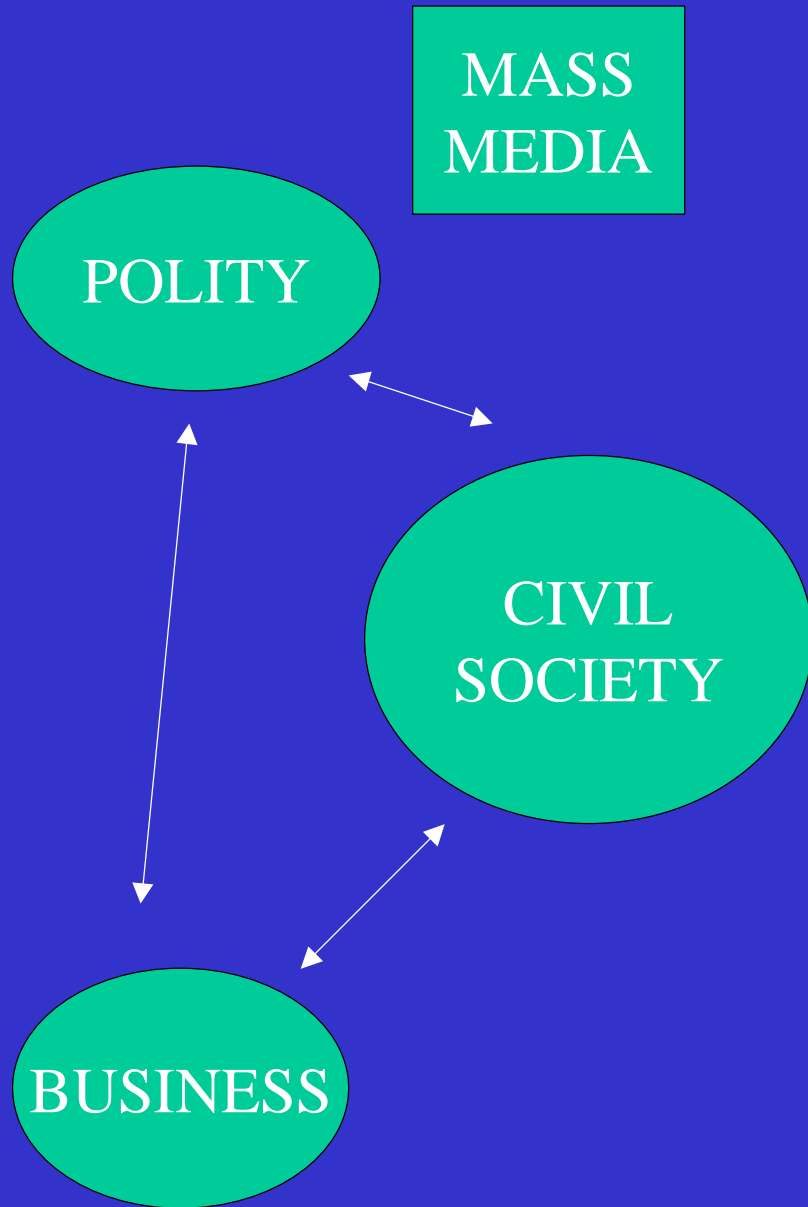
The communication of scientific information

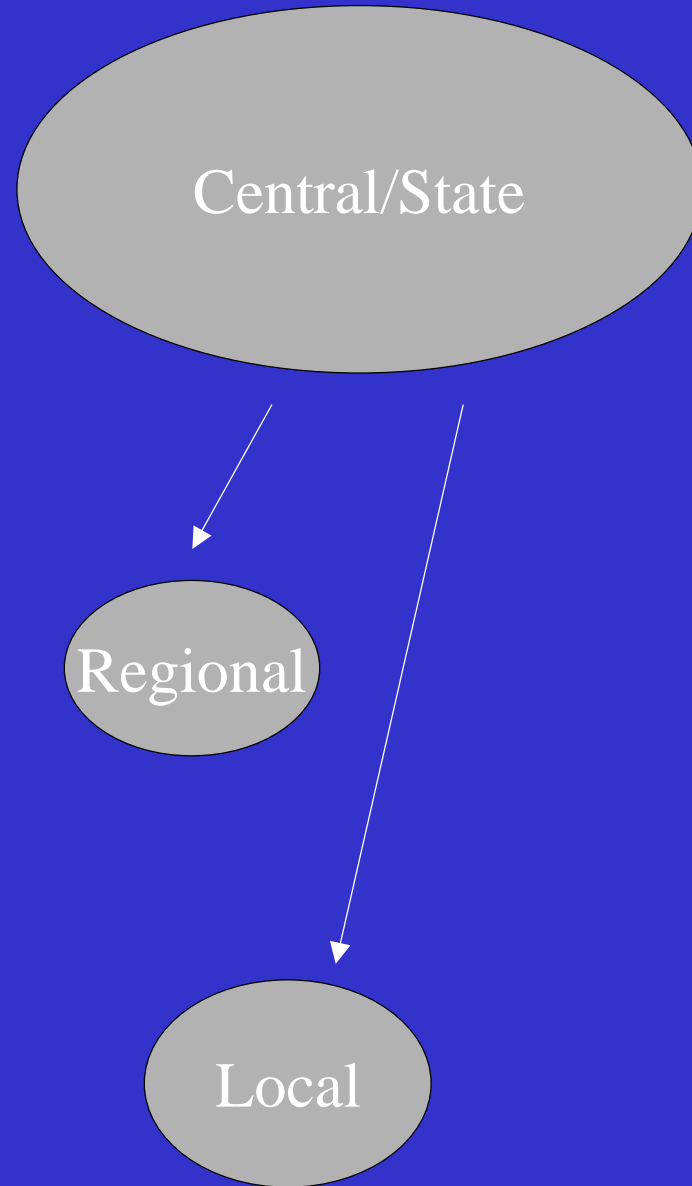
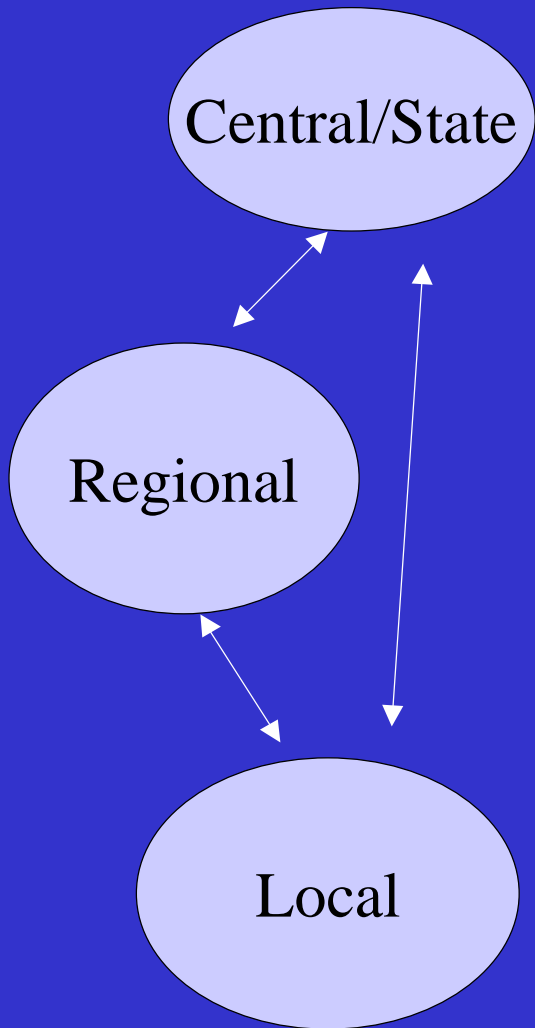
Public participation

Legal systems

Institutions







INSTITUTIONAL MODELS

	Rational	Bureaucratic	Political
Goals	<i>Consistent</i>	<i>Consistent</i>	<i>Pluralistic</i>
Power	<i>Centralised</i>	<i>Rules</i>	<i>Coalitions</i>
Decisions	<i>Orderly</i>	<i>Procedural</i>	<i>Disorderly</i>
Information	<i>Extensive</i>	<i>Rule reduced</i>	<i>Used strategic</i>
Beliefs about consequences	<i>Probability</i>	<i>Routines</i>	<i>Disagreement</i>
Decisions	<i>Value max.</i>	<i>Routines</i>	<i>Bargaining</i>
Ideology	<i>Efficiency</i>	<i>Stability</i>	<i>Conflict</i>
Organisation	<i>Market</i>	<i>Hierarchy</i>	<i>Network</i>
Theory	<i>IRC</i>	<i>Cult. Theory</i>	<i>ACF</i>
Theorists	<i>Oström</i>	<i>Douglas</i>	<i>Sabatier</i>
Other terms	<i>Economic</i>	<i>Social</i>	<i>Political</i>

IRC = Institutional Rational Choice; ACF = Advocacy Coalition Framework

QUESTIONS

- Are water managers and scientists simply problem solvers, or are they a part of the problem?
- Can water management institutions be completely rational?

The way ahead?

- To increase understanding of the role of institutional factors in transboundary water management
- To involve water managers in the analyses of institutional factors
- To conduct comparative, theoretically informed, studies of water policy implementation



THANK YOU!