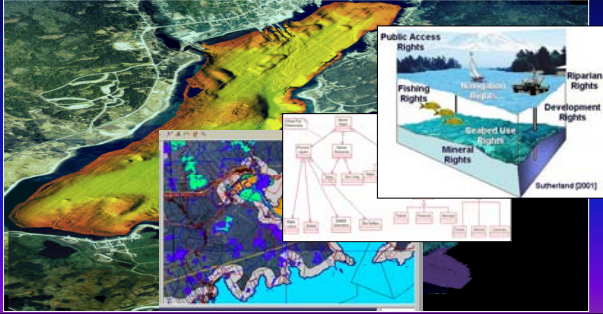
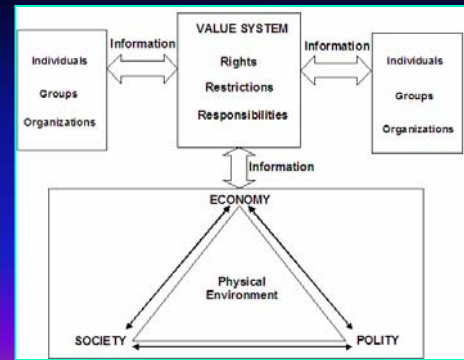


## The Marine Cadastre: Legal and spatial data contribution to economic, environmental and social development



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## Governance



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## Complexity of Rights in the Marine Environment



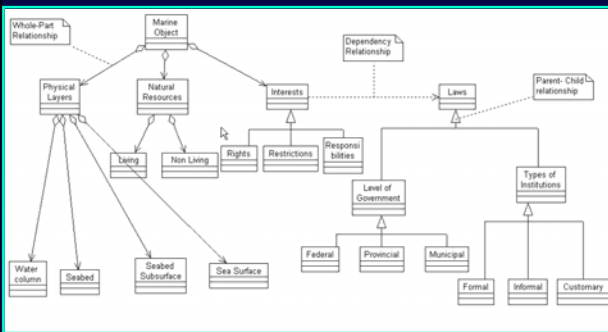
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## Spatial Information: Contribution to Governance



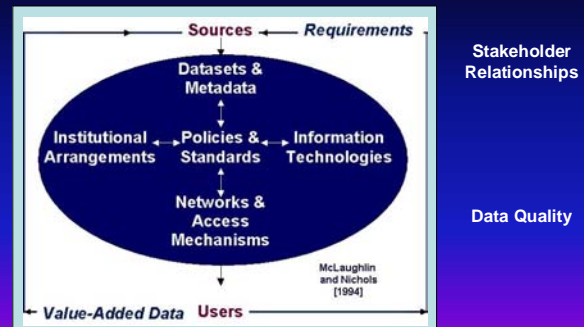
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## The Marine Cadastre Concept



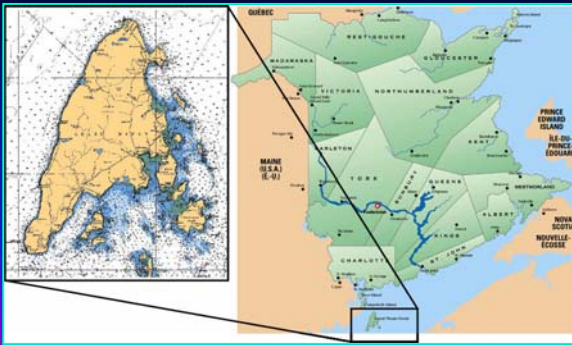
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## The Marine Cadastre and Optimal Decision Support



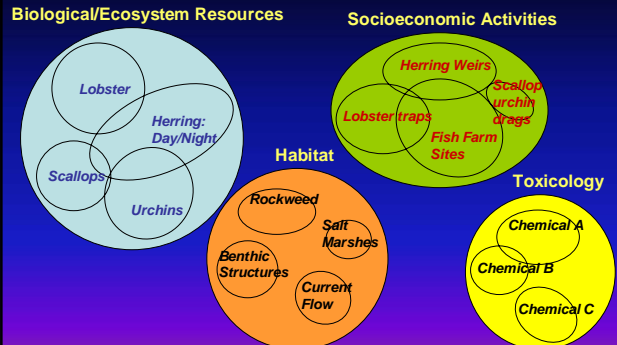
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### An Aquaculture Case Study

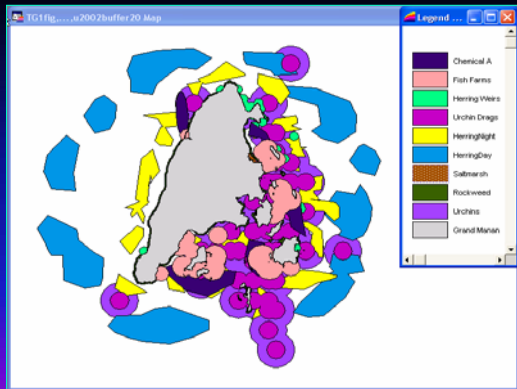


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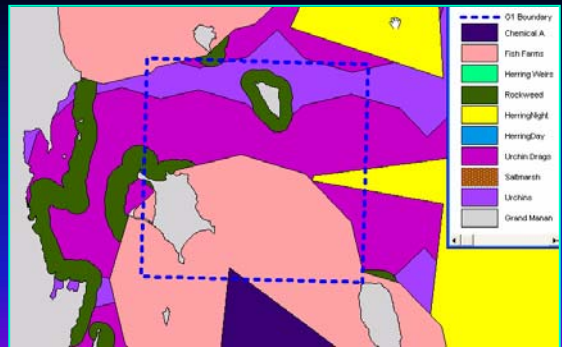
### An Aquaculture Case Study: Ecosystem Components



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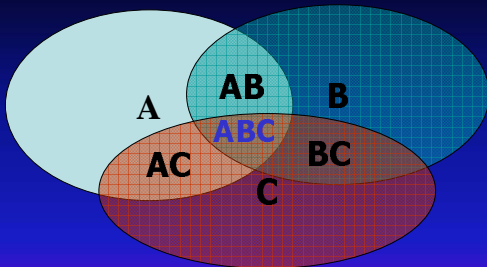


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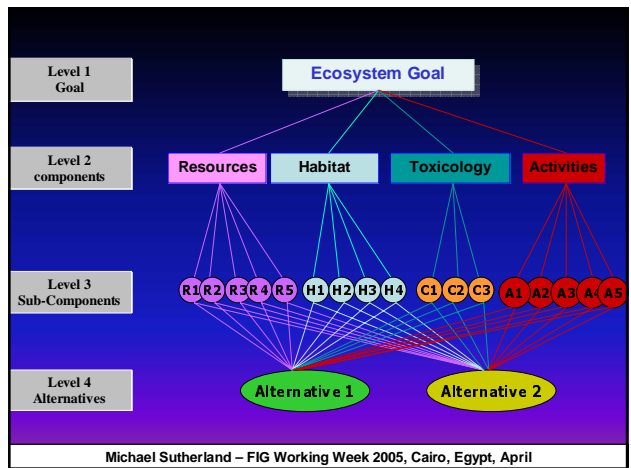
### Yield Evaluation of Overlapping Components



pairwise overlapping

$$\text{Yield A} \Rightarrow \text{Yield A} + \text{Yield AB} + \text{Yield AC}$$

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## Issues Impacting on the Case Study

Access to real-world data

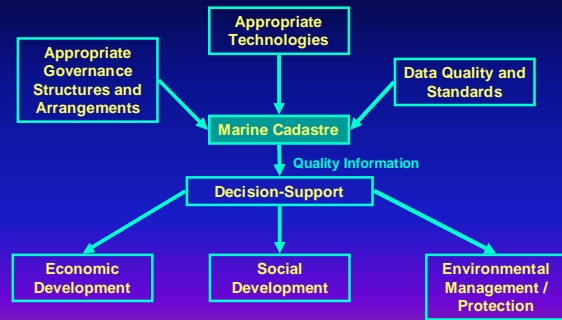
Access to data of appropriate quality

The nature of stakeholder relationships that facilitate data sharing

The stochastic nature of some of the marine elements

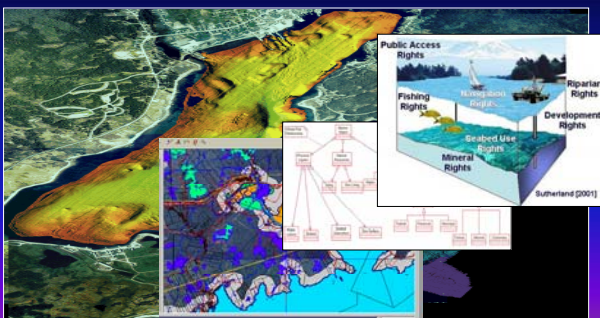
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## Conclusion



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## The Marine Cadastre: Legal and spatial data contribution to economic, environmental and social development



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