Applying an Ecosystem Services Approach to Inform Sustainable Coastal Area Management : BELIZE

Chantalle Clarke-Samuels

"Implementing Rio+20: Integrated Planning for Sustainable Coastal Area Management in the Caribbean Region"

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THE VISION FOR OUR COAST



A sustainable future where healthy ecosystems support, and are supported by, thriving local communities and a vibrant economy

Belize Integrated Coastal Zone Management Plan 2013

Coastal Zone Management Authority and Institute

Ministry of Forestry, Fisheries, and Sustainable Development





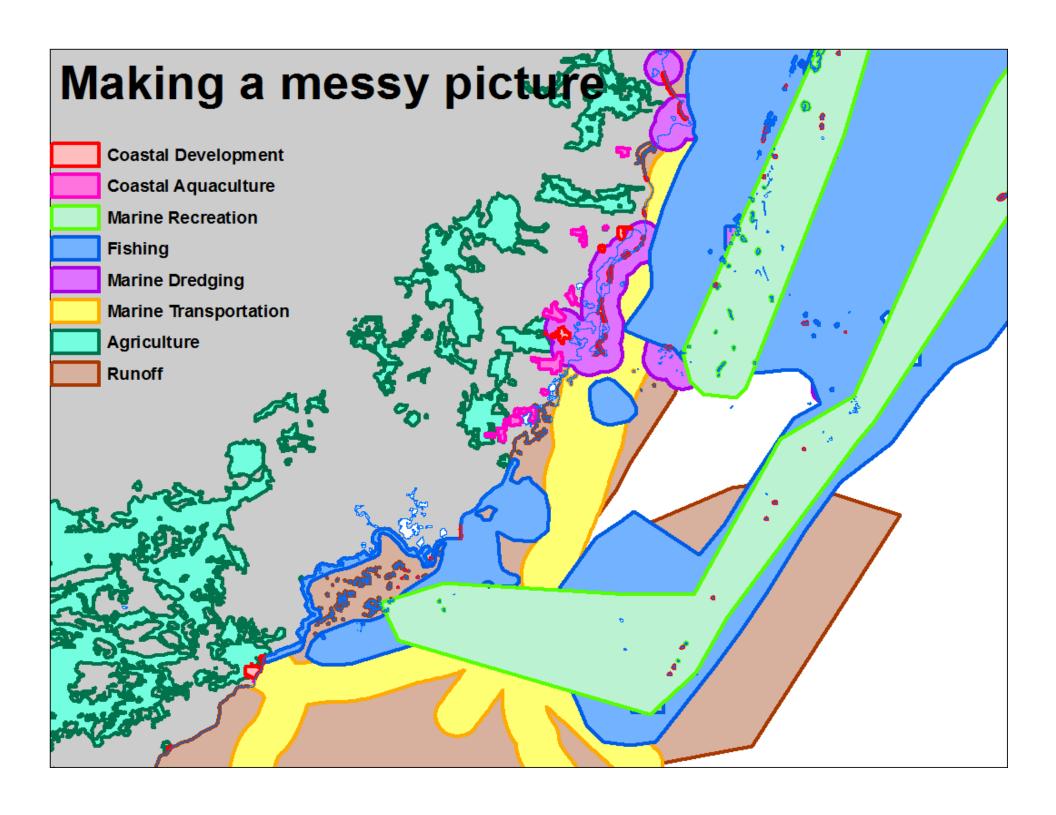
Promoting the Wise, Planned Use of Belize's Coastal Resources

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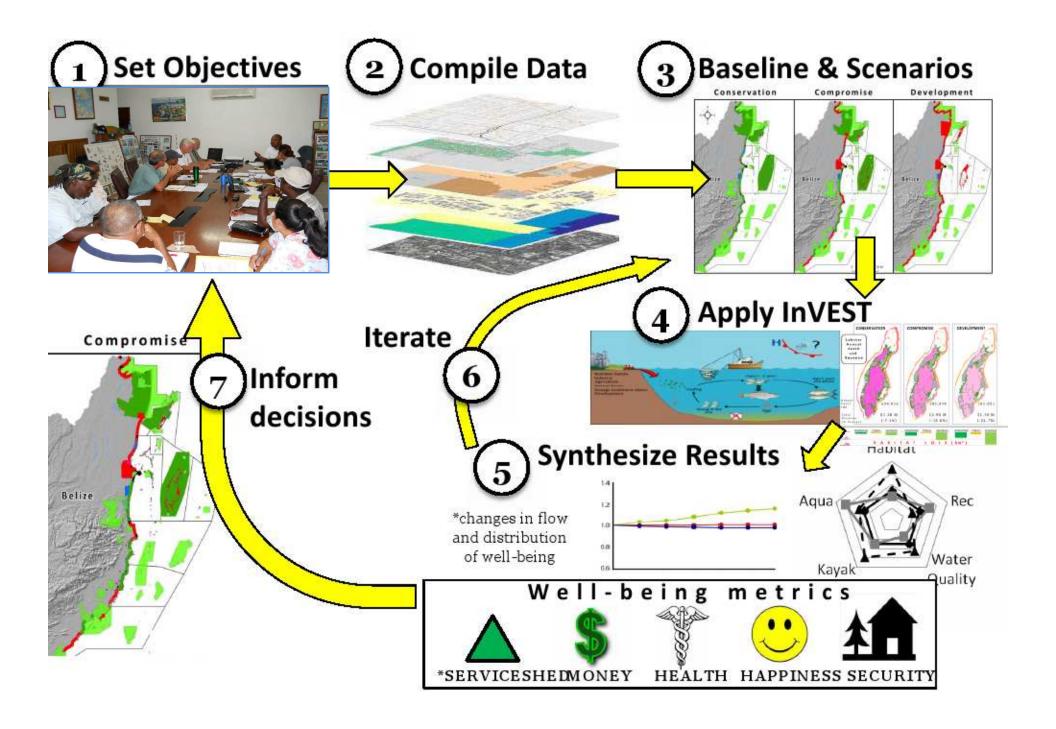
 Belize Coastal Zone Management Authority and Institute All Rights Reserved A planning framework for **national action** to facilitate improved management of coastal and marine ecosystems so as to maintain their integrity while ensuring the delivery of ecosystem service **benefits** in perpetuity for present and future generations of Belizeans and the global community.



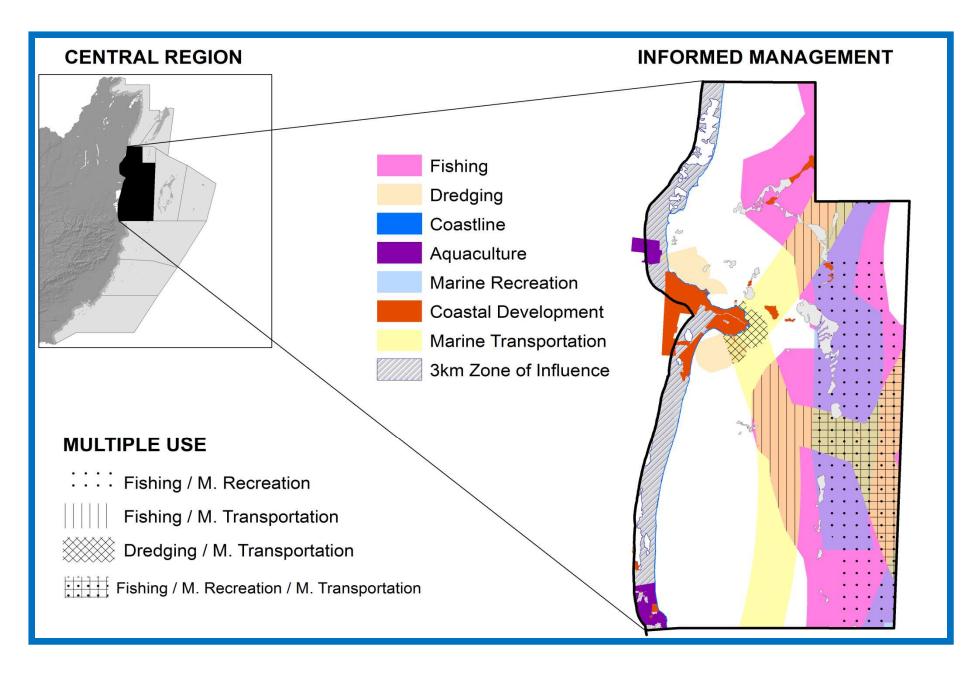
Benefits of using an Ecosystem Service Approach to Coastal & Marine Resources Management

- Analysis of current and anticipated uses
- Identification of suitable areas for various activities to:
 - –Reduce conflicts
 - —Reduce environmental impacts
 - —Achieve economic, social, cultural objectives
- Providing a process to better determine how the coastal & marine environment can be sustainably used, managed and protected





MULTIPLE RESOURCE USE



KEY STRENGTHS OF THE PROCESS:

An Ecosystem Services Approach to Spatial Planning:

- (1) Refine and modify zone location and intensity of human use through iterative optimization
- (2) Allow policy makers to develop scenarios and compare alternative planning options through a participatory stakeholder engagement process
- (3) Achieve improved environmental and economic outcomes
- (4) Allow for a baseline to monitor changes and a foundation for future planning

Coastal Zone Management Authority & Institute

"Promoting the wise, planned use of Belize's coastal resources"



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