

Adaptation strategies in coastal communities

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International Ocean Institute (IOI)

“A new vision and a new direction in the sustainable governance of the ocean, its seas and their resources” Elizabeth Mann

- Founded during 70's
- 15 operational centers

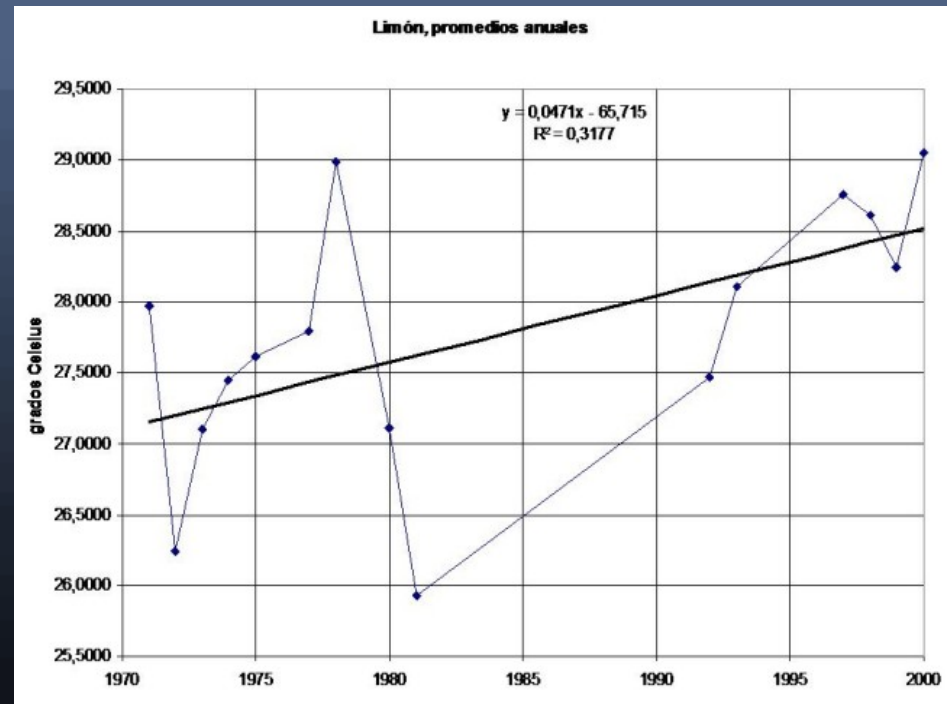
IOI Costa Rica

IOI-Costa Rica's strategy consists of bringing together the different social sectors (civil, governmental, scientific) involved with oceans

- Sea level and temperature monitoring
- Coastal hazards and morphology observation and measurement
- Coastal resources management

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- Sea level and temperature monitoring



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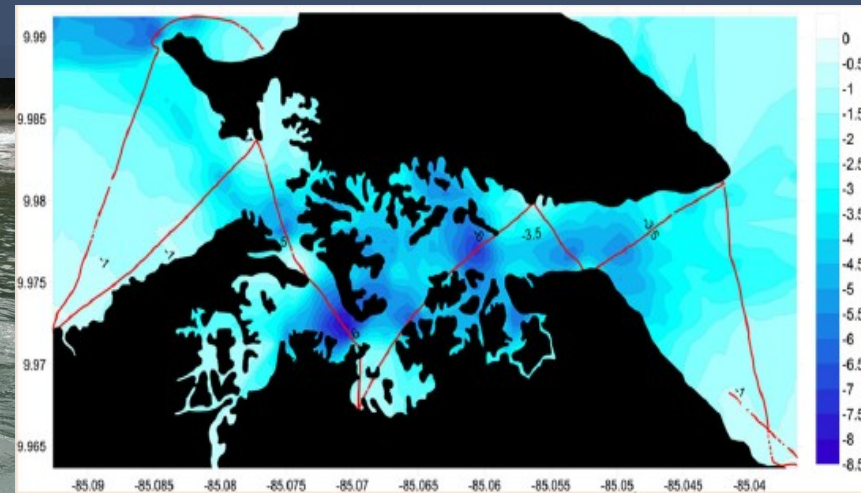
Coastal hazards and morphology observation and measurements



San Andrew cross type rip current meter with



RCM just before it was released



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Coastal resource management

- Coastal Communities Integrated Development Program
- Started at 2001 at Nicoya Gulf



Objectives

- To promote resources management education through organizations formation and concrete proposals elaboration.
- Creation and validation of a model.
- Reproduce the model



A new model

1. Diagnosis
2. Assessment
3. Meetings
4. Formation
5. Proposals



Next step

- Use this platform to create adaptation strategies to face coastal hazards (climate change, private initiatives, narcotraffic??)
- Adaptation=Regulation plans (land and sea use)
- Climate and sea measurements (land appropriation)

Conclusion

- People can adapt to climate change scenarios by studying their region and by making their own regulation plans.
- This model could work in countries where there's a little government planification (Centroamerican case)