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Coral Reef Related Activities Highlights

Scott Smith – ICRI General Meeting, Monaco, 14 January 2010



Global Outreach

TNC-NOAA Partnership

- 4-year partnership
- Florida, Hawaii, Caribbean, Pacific Islands
- Place-based management, resilient MPA networks, improve effectiveness of reef management, sustainable financing, build capacity of reef managers

Reef Resilience

- Toolkit updated and re-released
- New, improved website: www.reefresilience.org
- Online Reef Resilience course (March 2010)



Global Outreach

IUCN Climate Change and Coral Reefs Working Group

- Two protocols for monitoring coral reef resilience

“Coastal Resilience” decision support tools

- Will be expanding to sites outside the US

Ocean Acidification

- Convened group of global experts in August 2008 to identify ways to respond
- Honolulu Declaration on Ocean Acidification and Reef Management



Regional Conservation Initiatives

Caribbean Challenge

Micronesia Challenge

- Scientific assessment of Palau's northern reefs
- Technical assistance MPA planning and effectiveness measures
- Develop long-term funding sources
- Five jurisdictions together to address climate change impacts

Coral Triangle Initiative (with WWF, Conservation International)

- Supported CTI countries in developing Plan of Action
- Carrying out initial implementation actions through US Coral Triangle Support Program and private funding.



On the ground activities – Coral Triangle

Design of network of MPAs in Kimbe Bay, PNG, explicitly incorporating resilience principles

Assessed coastal zone vulnerability to sea level rise in the Coral Triangle

Developed new MPA effectiveness monitoring protocols; adopted by 3 Indonesian MPA sites

Outreach and education vessel in Raja Ampat, Indonesia—
3300 students in 55 villages

(USAID and/or NOAA support and private funding)



On the ground activities – Caribbean & USA

Assisting St Kitts and Nevis with multiple use marine spatial planning and zoning process; integrating marine conservation and other uses; providing basis for decisions on location and design of MPAs (USAID)

Helping establish underwater coral nurseries and restoration sites to raise endangered elkhorn and staghorn corals resilient to climate change in US Virgin Islands and Florida—valuable lessons for coral restoration (NOAA)

Collaborating with community groups on marine reserve design, invasive algae removal, native habitat restoration, responsible fishing practices in Hawaii



Ecosystem Approach to Fisheries Management

Collaboration with SPC on study to understand EAF in coastal fisheries and aquaculture in Pacific Island Countries (February 2009)

Work with FAO Fisheries and SPC to develop community-based EAF guidelines (February 2010)

Reef fish spawning aggregation sites throughout Caribbean and in Papua New Guinea



Thank You

