Overview of the US Coral Triangle Initiative Support Program Climate Change Adaptation

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Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security (CTI-CFF) Implementation Area

CTI-CFF Implementation Area
This boundary is based on the Exclusive Economic Zones (EEZ) of the CTI countries. EEZ source data from Flanders Marine Institute (VLIZ) 2011. Note that internal boundaries are not shown, disputed boundaries exist in this geography, a boundary for Brunei is not known, and Singapore and Brunei are not members of the CTI-CFF. Boundaries are only for illustration and are not legally binding in any way.

www.coraltriangleinitiative.org
US CTI Support Program

The U.S. government recognizes the value of this resource and established the US Coral Triangle Initiative Support Program (US CTI) to assist the leadership of the Coral Triangle countries in taking action to maintain this unique marine treasure.
Region-wide Early Plan of Action

Establishes urgent and immediate actions that need to be taken across the Coral Triangle to build coastal community and ecological resilience to climate change.

Regional approach to be implemented at national and sub-national levels.

Supports collaboration among institutions to share data and knowledge and to report on progress.

Identifies possible financing mechanisms to support implementation of early actions.
From Regional Plan to Local Action

- CTI Climate Change Adaptation Toolkit developed to facilitate the implementation of the Regional Plan at the local government level
- 6 Tools to provide planning benchmarks, outreach, vulnerability assessment and adaptation planning
Characteristics of the Local Process

- Natural and Human-related Resources addressed
- No-Tech, qualitative approach to involve multiple stakeholders (but can incorporate high-tech, quantitative data if available)
- Multiple entry points to build on work already completed (can be used to incorporate the climate context into existing mgmt plans)
- Can be adapted for place being implemented (encourage this!)
- Builds on community knowledge and past methods community used to adapt to disasters and variability
- Examines impacts of actions (social impacts and maladaptation)
Use throughout the CT Region

• The toolkit is currently being implemented by communities in 5 of the 6 countries
  – Timor-Leste: 2 communities have Local Early Action Plans
  – Solomon Is/Papua New Guinea: focusing first on outreach
  – Indonesia: working through government and the Locally Managed Marine Area Network
  – Philippines: Incorporating with higher tech vulnerability assessments

• Based on feedback final version release date 2013 with case studies
Other Climate Efforts in CT Region

- Establishing first Ocean Acidification baseline in the Coral Triangle (Philippines, Timor-Leste)
- Climate Change & Ocean Acidification integration into Ecosystem Approached to Fisheries Mgmt
- Reef Resilience & Climate Change community of practice
- Climatologies and information for adaptation planning in the Coral Triangle Atlas
- Financing options for implementation of Local Early Action Plans
For more information

Coral Triangle Initiative: www.coraltriangleinitiative.org
US Coral Triangle Support Program:
www.uscti.org
Download Toolkit:
http://www.uscti.org/uscti/pages/Resources_ClimateChangeAdaptation_Page2.html

Questions contact Britt Parker: Britt.Parker@noaa.gov
Additional Slides
CTI-CFF Regional Priorities

1. Seascapes
2. Ecosystem Approaches to Fisheries Management (EAFM)
3. Climate Change Adaptation (CCA)
4. Marine Protected Area Management (MPA)
5. Threatened and Endangered Species

= Ecosystem-based Mgmt
CTI CCA Toolkit

• **T1: Benchmarks for Climate Adaptation in Coastal Communities**
  – Getting Started (awareness), Solid Foundation (integrated into plans), Responding/Adapting (mainstreaming)
  – For each Benchmark, tools that can be used to achieve

• **T2: Adapting to a Changing Climate Outreach Tool**
  – Used by champion in community in appropriate manner
  – Flipchart, facilitators guide, and booklet to leave behind

• **T3: Regional Climate Information Brief**
  – Distillation of complex scientific information.
CTI CCA Toolkit

• T4: Guide to VA and Local Early Action Planning (LEAP)
  – Entry point for EAFM

• T5: Quick Reference Guide for Adaptation Options
  – Organized around 8 issue areas of REAP
  – Highlights social, economic, environmental and governance benefits and potential implementation considerations

• T6: Methods to Monitor Climate Impacts and Effectiveness of Mgmt Actions
  – Links to methods and tools