



**CORAL TRIANGLE  
INITIATIVE**  
ON CORAL REEFS, FISHERIES AND FOOD SECURITY

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

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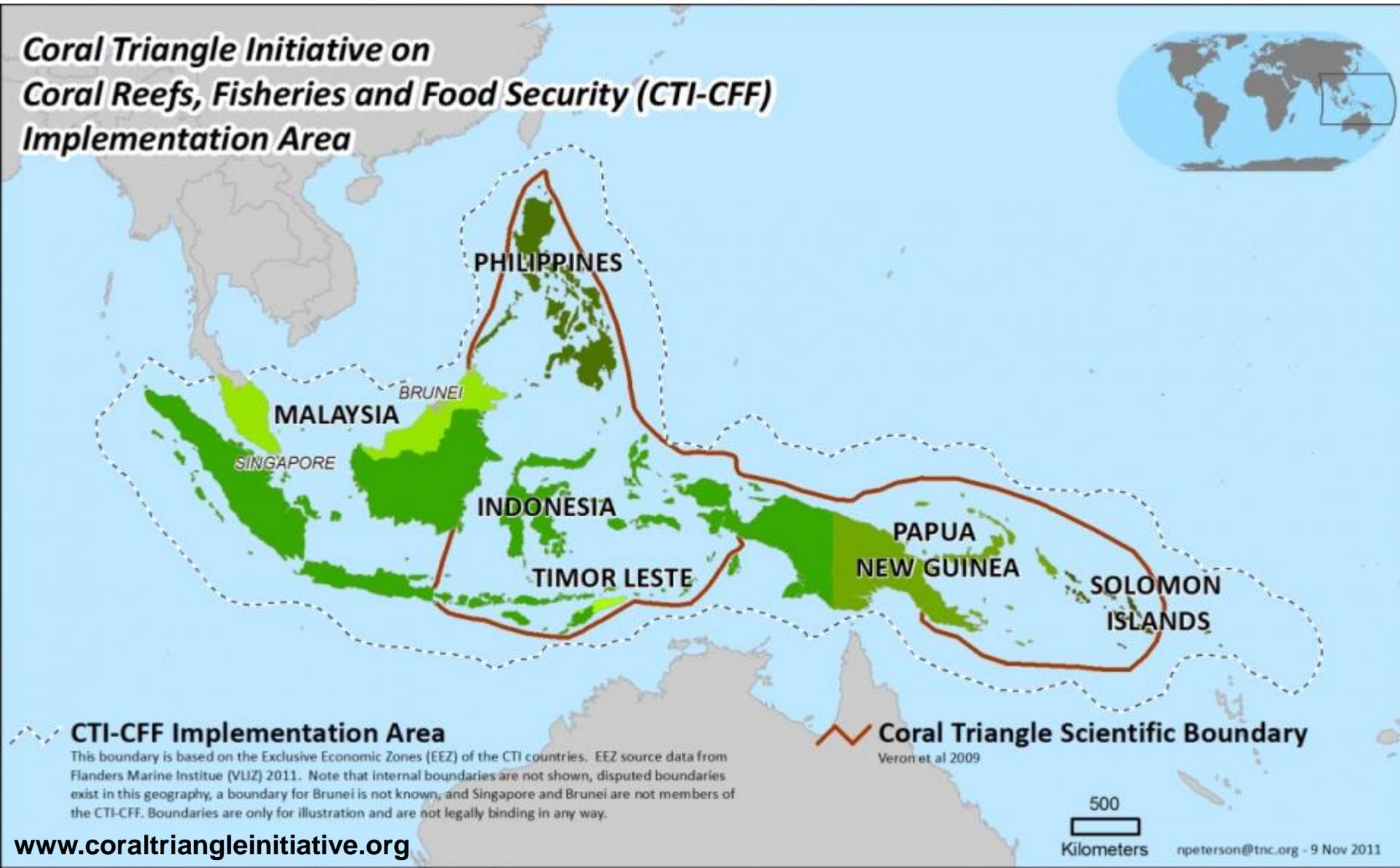
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FROM THE AMERICAN PEOPLE



# Coral Triangle Initiative & Region



# 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



[www.uscti.org](http://www.uscti.org)



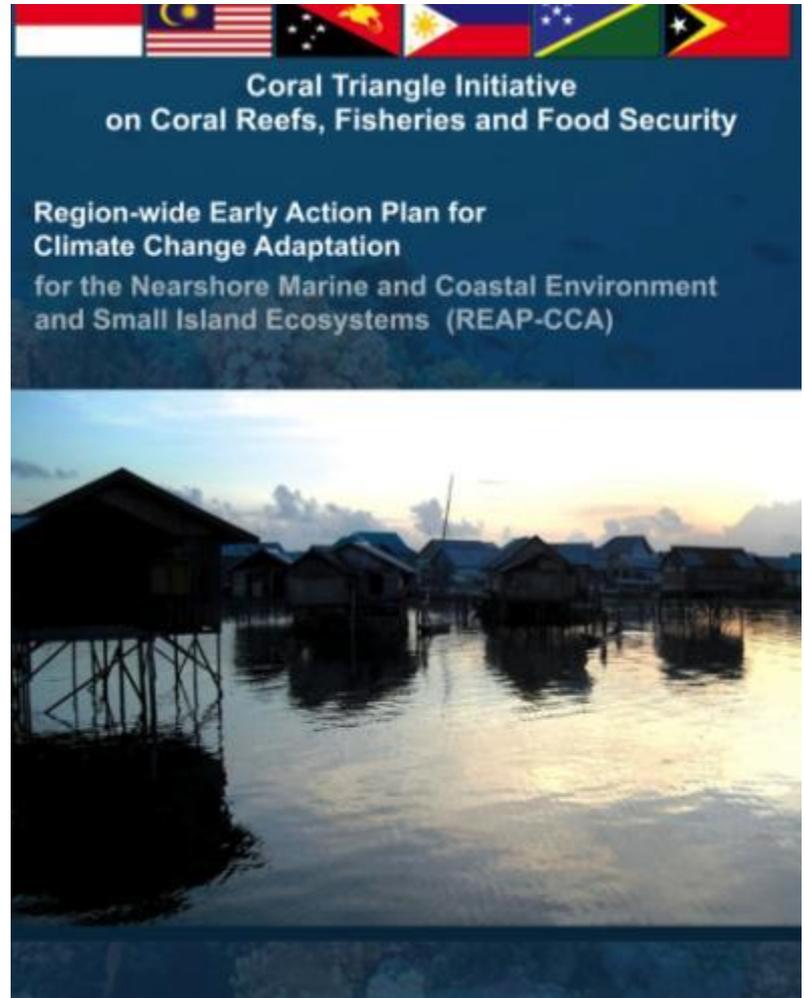
# Region-wide Early Plan of Action

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

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- 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

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- 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 Marine Managed 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



Credit: NOAA/B. Parker



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# For more information

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Coral Triangle Initiative: [www.coraltriangleinitiative.org](http://www.coraltriangleinitiative.org)

US Coral Triangle Support Program:

[www.uscti.org](http://www.uscti.org)

Download Toolkit:

[http://www.uscti.org/uscti/pages/Resources\\_ClimateChangeAdaptation\\_Page2.html](http://www.uscti.org/uscti/pages/Resources_ClimateChangeAdaptation_Page2.html)

Questions contact Britt Parker: [Britt.Parker@noaa.gov](mailto:Britt.Parker@noaa.gov)



# Additional Slides

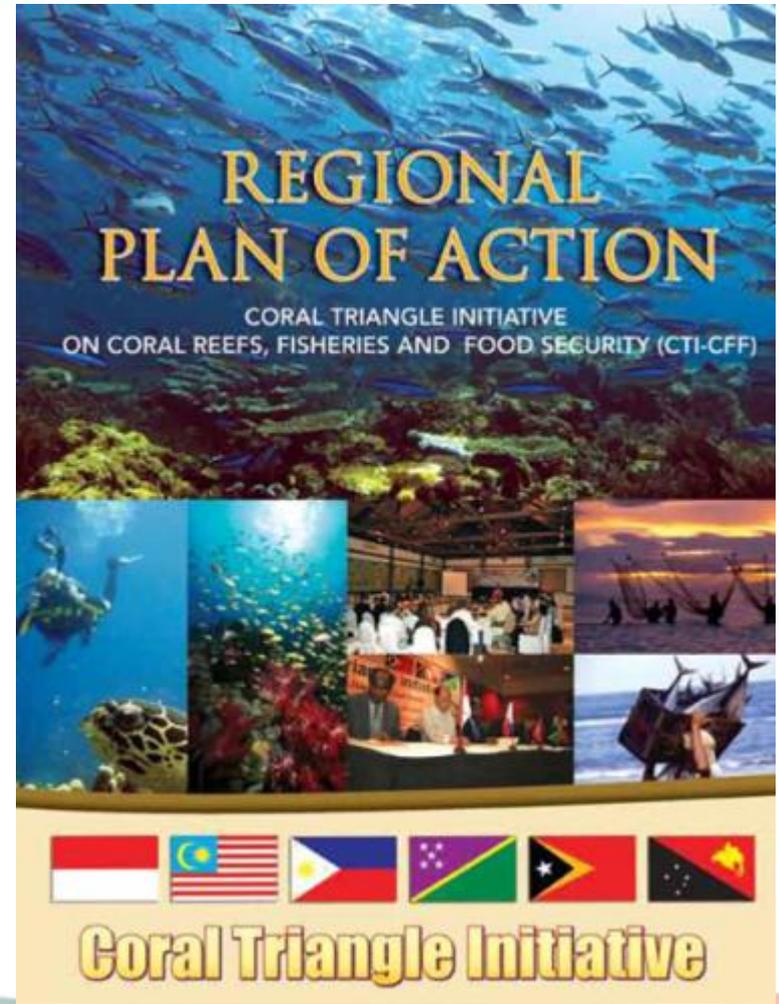
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# CTI-CFF Regional Priorities

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

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- 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

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- 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

