

Expertise of current pool of mentors:

- Physical ocean & coastal processes (i.e., hydrodynamics, chemical oceanography, coastal geology)
- Ecosystems and services
- Fisheries
- Biodiversity

Identified Technical Assistance Needed in the CTI National Plan of Action:

Technical assistance / services

- Biodiversity and habitat assessments
- Fisheries monitoring & stock assessments
- Climate change vulnerability assessments
- Geo-hazard assessments & mapping
- Socioeconomic assessments
- Water quality monitoring
- Hydrodynamic / larval dispersal modeling
- Resource mapping (GIS & remote sensing)
- Value-chain analyses on trading of priority marine taxa
- Cost-benefit analyses of mariculture, sea ranching, and climate change actions/inactions
- Conflict resolution on tenurial instruments and trade-offs for coastal communities
- Determining user fee values

Research / knowledge gaps:

- Threat assessment of exotic / invasive alien species
- Ecological interactions of artificial reefs with natural systems
- Climate change impacts on biodiversity, fisheries productivity, and ecology of coastal habitats
- Species vulnerabilities to climate change impacts
- Ecosystem connectivity studies
- Fishing gear impacts on habitats & fishery resources
- Adaptive fishing methods for an ecosystem approach to fisheries management
- Impacts of "fish aggregating devices"
- Determining ecosystem carrying capacities
- Stock enhancement of threatened species
- Knowledge management

Partner Universities:



Mentoring Program on Marine Sciences in support of the Coral Triangle Initiative

(2010 - 2013)

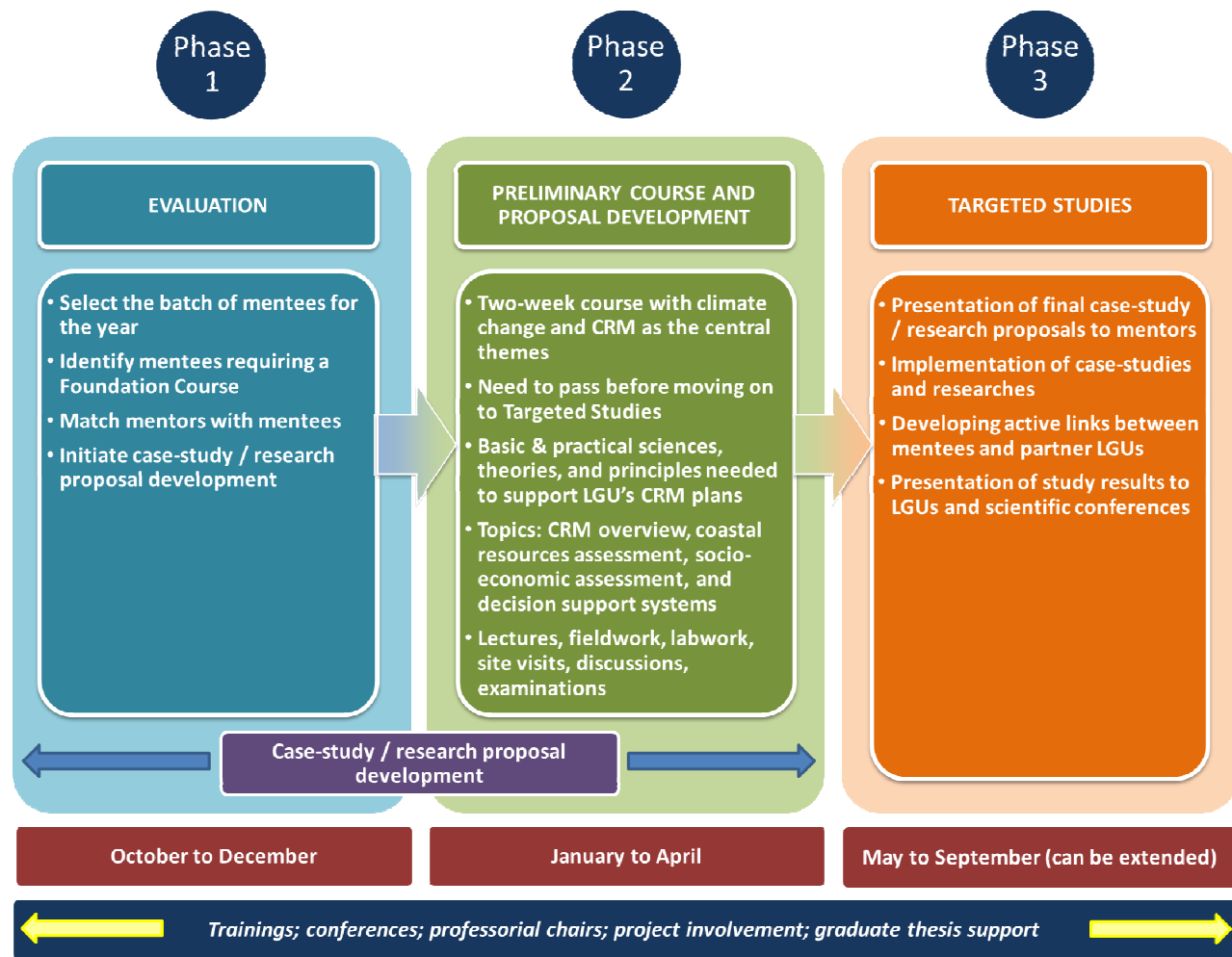
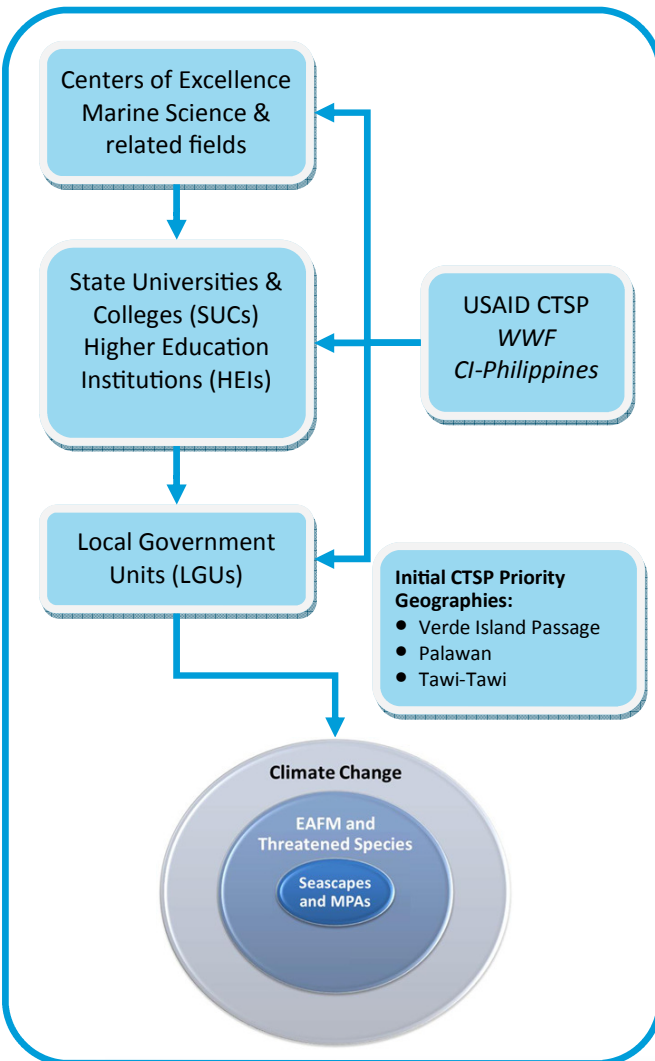
Apprenticeship and training program to enhance capacity of academic institutions supporting Local Government Units in the implementation of the Coral Triangle Initiative National Plan of Action for the Philippines

For more information, contact:

Evangeline Florence B. Micalat
CTI Policy and Development Senior Manager
Conservation International - Philippines
#6 Maalalahanin Street, Teachers' Village,
Diliman, Quezon City 1101, Philippines
Tel: +632 924 8235
Fax: +632 435 6446
Email: e.micalat@conservation.org



Improving biodiversity conservation by developing relevant and reliable *partnerships* between universities, catalyst organizations, and Local Government Units...



The Mentoring Program aims to enhance the access to and use of scientific information by Local Governments for biodiversity conservation and coastal resources management. Research activities and mentoring themes are aligned with the five goals of the CTI National Plan of Action.

CTSP continues to support all three LGUs in priority geographies directly and indirectly through strengthening of near-by SUCs and HEIs with assistance from some of the country's Centers of Excellence.

Program Highlights

- ✓ Competitive selection of mentees (initially from CTSP priority geographies)
- ✓ Direct engagement with partner local government units
- ✓ Hands-on application of learnings from proposal development to implementation to translation
- ✓ 2-week "Science in CRM" course with rigorous course work and practical field exercises
- ✓ Long-term commitments and partnerships established during the program (2010-2013)