



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

**Attachment 10-2
MALAYSIA COUNTRY REPORT STATUS**

6th CTI-CFF SENIOR OFFICIALS MEETING (SOM6)

10-12 November 2010

Manado, Indonesia

Malaysia Country Report Status

Source: Malaysia NPOA
Version: October 2009

GOAL	Target	Action	NATIONAL ACTION	Target Date	Scale	Status	Regional Value	Rank
G1	T1	1	Complete the National Coastal Zone Physical Plan for Peninsular Malaysia	2012	Nat'l			
G1	T1	2	Complete a National Coastal Zone Physical Plan for East Malaysia	2012	Nat'l			
G1	T1	3	Identify and assess Particularly Sensitive Sea Areas (PSSA) within Malaysian Priority Seascapes	2012	Nat'l			
G1	T1	4	Jointly develop investment plans with seascape partners for all identified Priority Seascapes (including the existing SSME Seascape)	2014	Int'l			
G1	T1	5	Complete the tagging program for economically important pelagic fish species in the Sulu and Sulawesi Seas	2011	Int'l			
G1	T1	6	Jointly complete Rapid Seascape Assessments for the Malacca Strait and the Sunda Shelf region of the South China Sea (in recognition that Priority Seascapes can cover areas outside of the CTI boundary as long as the major portion of the seascape is within the CT countries).	2012	Int'l			
G1	T1	7	Conduct regular oceanographic surveys in the SSME, and other Malaysian waters.	2012	Int'l			
G1	T2	1	Working closely with seascape partners, jointly adopt specific elements of a sustainably managed seascape program for each seascape based on local condition.					
G1	T2	2	Develop and strengthen capacity-building activities within national seascape programs designed to (i) share best practices and lessons learned; (ii) develop critical skills and knowledge; (iii) strengthen technical and institutional capacity; and (iv) empower coastal communities to participate in management programs.					
G1	T2	3	Start to mobilize domestic and international funding to support Priority Seascape programs.					
G1	T2	4	Conduct periodic monitoring and evaluation on the effectiveness of seascapes.					
G1	T2	5	Establish an inter-sectoral committee to develop and guide the implementation of an ICM plan at the SSME demonstration and replication sites throughout Malaysia.					
G1	T2	6	Implement management and conservation strategy for SSME mangrove forest reserves, and apply this strategy with necessary adaptation throughout Malaysia.					
G1	T2	7	Rehabilitate abandoned shrimp farms to their natural state or for other sustainable aquaculture uses.					

G1	T2	8	Develop economically feasible and ecologically suitable seaweed farming using best culturing techniques and seaweed strains in Sabah.					
G1	T2	9	Raise internal and external funds to implement the CTI NPOA and SSME programs, including from international conservation NGOS.					
G1	T2	10	Strengthen coordination among the Sabah Environmental Education Network (SEEN) (comprising policy-makers, practitioners, planners, and trainers from government agencies, NGOs, and private sector) to undertake Environmental Education efforts in Sabah.					
G1	T2	11	Develop and utilize a Mangrove Information System [MIS] for the Malaysian coast in the SSME.					
G1	T2	12	Conduct regular oceanographic surveys in the SSME, and other Malaysian waters.					
G1	T2	13	Analyze and document data obtained from the 'Prime Scientific Sailing Expedition Program 2009 (EPSP09) (18 June - 5 August 2009) and other expeditions.					
G2	T1	1	Implement an EAFM Plan for small pelagic fisheries for the SSME demonstration and replication sites throughout Malaysia.					
G2	T1	2	Design and implement management measures and protocols, including economic incentives for protection and management of marine turtle populations and their habitats.					
G2	T1	3	Strengthen a high-level EAFM Steering Committee comprising inter-agency government representatives and stakeholders.					
G2	T1	4	Establish a national policy on EAFM					
G2	T1	5	Assess human resource capacity to identify and address gaps in EAFM implementation.					
G2	T1	6	Update the Fisheries Act 1985 to encompass EAFM principles.					
G2	T1	7	Harmonize relevant legislation between neighboring CTI Countries.					
G2	T1	8	Finalize legally binding measures to conform to EC Regulation 1005/2008.					
G2	T1	9	Develop and EAFM Strategy for Sabah fisheries.					
G2	T1	10	Develop a system for effective information sharing on enforcement between CT countries with local points designed.					
G2	T1	11	Determine the status and issues of IUU fishing, especially along borders within the SSME.					
G2	T1	12	Conduct regular tagging programs for economically important pelagic fish species in the SULU, Sulawesi and Andaman Seas.					
G2	T1	13	Extend and improve the VMS program to monitor all tuna vessels, and to achieve internationally bench-market standards of operational performance.					
G2	T1	14	develop a program for the coastal community and fishers to report illegal activities to the MMEA					
G2	T1	15	Double the number of MMEA officers and enhance training relevant to CTI targets and activities.					
G2	T1	16	Increase the number and capacity of maritime enforcement assets.					
G2	T1	17	Strengthen collaborative MCS programs with neighboring countries.					
G2	T1	18	Strengthen initiatives to combat IUU fishing in line with the RPOA - IUU.					

G2	T2	1	Nominate selected coastal communities in Sabah to participate in the CTI COASTFISH program.					
G2	T2	2	As a SSME initiative, develop joint pilot projects with Indonesia and the Philippines to establish experimental farms for the culture of high-value seaweed species, and share improved quality seed stocks for seaweed farms.					
G2	T2	3	Rehabilitate abandoned shrimp farms to their natural state or for other sustainable aquaculture uses.					
G2	T2	4	Address problems faced by seaweed farmers.					
G2	T2	5	Develop economically feasible and ecologically suitable seaweed farming using best culturing techniques and seaweed strains in Sabah.					
G2	T2	6	Develop a Malaysian COASTFISH Investment Plan, and share information on the development process and contents of the plan with other CT countries.					
G2	T2	7	Mobilize domestic and international funding technology, and expertise to support Malaysian COASTFISH initiatives.					
G2	T2	8	Share technologies, information and approaches of relevance to COASTFISH with other CT countries.					
G2	T2	9	Produce maps denoting the location and boundary of COASTFISH sites in Sabah.					
G2	T2	10	Implement public education and awareness initiatives focusing on sustainable fisheries, aquaculture, living aquatic resources exploitation and trade.					
G2	T2	11	Undertake education and public awareness programs to foster better understanding among the general public of the multiple values of mangrove forests.					
G2	T2	12	Produce baseline data on trends in CPUE; incomes from fishing and non-fishing activities; and exploitation level of key species.					
G2	T2	13	Use satellite imagery to assist the production of fish aggregation and harmful alga bloom (HAB) in coastal waters.					
G2	T3	1	Implement EAFM for the Sabah Tuna Fishery leading to sustainable certification based on internationally recognized certification standards.					
G2	T3	2	Nominate a balanced representative delegation of Government officers, NGO members, academics, fishers and private-sector companies to participate in the informal CTI Forum on Tuna Governance.					
G2	T3	3	Implement project on seafood security to assess sustainability and accessibility of resource supply in Malaysia.					
G2	T3	4	Complete tuna-stock survey and determine MSY.					
G2	T3	5	Update baseline data on trends in CPUE; incomes from subsistence, artisanal and commercial tuna fisheries; and contribution of tuna fisheries to the local economy and employment.					
G2	T3	6	Exchange information with neighboring countries on shared fish stocks, especially on tunas and other highly migratory species as well as small pelagic.					
G2	T3	7	As a SSME initiative, share information on existing legislation and policies for the management of tuna and small pelagic.					
G2	T3	8	Conduct regular oceanographic survey in the SSME, and other Malaysian waters.					

G2	T4	1	Implement a sustainability certification scheme and standards for Malaysia LRF production.					
G2	T4	2	Nominate a balanced representative delegation of Government officers, NGO members, academics, fishers and private-sector companies to participate in the informal CTI Forum on Tuna Governance.					
G2	T4	3	Implement and adopt Full-Cycle Aquaculture (FCA) to alleviate pressure on wild stocks					
G2	T4	4	Implement best management practice for aquaculture, with emphasis on the production of reef fish.					
G2	T4	5	Implement seasonal closure of Spawning aggregation areas.					
G2	T4	6	Develop a national management plan and policy for LRF and ornamentals trade that reflect EAFM and livelihood issues.					
G2	T4	7	Identify issues, lessons-learned, and success factors related to the sustainable management of LRF and reef-based ornamentals trade and publish data into the public domain.					
G2	T4	8	Collect and collate baseline information on groupers, hump head wrasse, and other targeted reef fish and ornamentals.					
G2	T4	9	Promote voluntary adoption by traders of a Code of Practice for sustainable LRFT					
G2	T4	10	Conduct an in-depth study on the value chain of LRFT for effective management.					
G2	T4	11	Survey, identify and map marine spawning aggregation areas.					
G2	T4	12	Undertake consumer survey of seafood consumption.					
G2	T4	13	Promote sustainably-captured and cultured seafood to restaurant owners and wholesalers					
G2	T4	14	Strengthen public awareness on the consequences of IUU fishing.					
G2	T4	15	Impose and monitor export ban on hump head wrasse.					
G2	T4	16	Impose and monitor export quota on targeted reef fish and ornamentals other than humphead wrasse.					
G3	T1	1	Strengthen MPA management human resource capacity through recruitment and training.					
G3	T1	2	Establish a representative system of MPAs.					
G3	T1	3	Design and implement a spatial zoning plan and gear-based management strategies within the Kudat-Banggi Priority Conservation Area (PCA)					
G3	T1	4	Establish and enforce additional marine sanctuaries (no-take zone).					
G3	T1	5	Plan and execute action plans for mangrove restoration along the Malaysian coast in the SSME.					
G3	T1	6	As a SSME initiative, develop joint pilot projects with Indonesia and the Philippines to establish experimental farm for the culture of high-value seaweed species, and share improved quality seed stocks for seaweed farms.					
G3	T1	7	Assess Management Effectiveness for Sabah MPAs.					
G3	T1	8	As a public/private partnership initiative, establish a 'Malaysia MPA Working Group involving companies in relevant industries with a view to mobilizing new private-sector financial and in-kind support for MPAs and promoting best practices.					
G3	T1	9	Develop an integrated MPA Management Strategy and framework for a MPA network.					

G3	T1	10	Gazette and establish Tun Mustapha Marine Park.					
G3	T1	11	Implement management and conservation strategy for SSME mangrove forest reserves, and apply this strategy with necessary adaptation throughout Malaysia.					
G3	T1	12	Review existing MPA plans and programs with regard particularly to goals, objectives, principles and design elements.					
G3	T1	13	Survey of coral reef areas, particularly in marine parks.					
G3	T1	14	Study and document the role of established no-take replenishment zones in Malaysia.					
G3	T1	15	Develop and utilize a Mangrove Information System [MIS] for the Malaysian coast in the SSME.					
G3	T1	16	Identify additional priority coral reef sites for reef restoration programs.					
G3	T1	17	Describe lessons-learned, best practices, failures and successes from existing MPA initiatives such as Turtle Island Park, especially with regard to: (i) enforcement/transborder patrol, (ii) sustainable financing options, and (iii) community-based resource management, and publish this information into the public domain.					
G3	T1	18	Implement a program on connectivity related research, such as larval dispersal, genetics, spawning aggregation, etc.					
G3	T1	19	Census and map MPAs in the SSME to include bio-physical and sosio-economic data along with spatial mapping of: areas with climate change resilience; fisheries-based food security data, overlaid with data on climate change vulnerability of marine ecosystem.					
G3	T1	20	Conduct research on reef resilience against global climate change.					
G4	T1	1	Form an interagency committee for planning and management of the environmental data collection and archiving system	2010	Nat'l			
G4	T1	2	Increase the number of data collection stations in Malaysian waters, and expand the type and amount of data collected	2015	Nat'l			
G4	T1	3	Operate a dedicated oceanographic research vessel	2015	Nat'l			
G4	T1	4	Complete the National Coastal Zone Physical Plan for Peninsular Malaysia	2010	Nat'l			
G4	T1	5	Complete a National Coastal Zone Physical Plan for East Malaysia	2015	Nat'l			
G4	T1	6	Complete Integrated Shoreline Management Plans (ISMP) for the Malaysian coastline	2015	Nat'l			
G4	T1	7	Complete National Coastal Vulnerability Index for Coastal strategic Assets and major Urban Centers in Peninsular Malaysia.	2011	Nat'l			
G4	T1	8	Complete National Coastal Vulnerability Index for Coastal strategic Assets and major Urban Centers in East Malaysia.	2012	Nat'l			
G4	T1	9	Complete the Malaysian Climate Change Coastal Adaptation Plan, with a focus on sustainable management of fisheries and livelihood diversification	2013	Nat'l			
G4	T1	10	Protect multiple representatives of resilient habitats covering a range of physiographic conditions within the Malaysia CT area, with priority given to areas that have physiographic characteristics that make them inherently resilient to climate change. Drawing on lessons learned, apply to the	2011	Nat'l			

			remainder of the Malaysian waters					
G4	T1	11	Identify and reduce non-climate stresses on Malaysian marine, coastal and small-island ecosystems that directly decrease the capacity of these ecosystems to endure climate change.	2015	Nat'l			
G4	T1	12	To the fullest extent possible consistent with Malaysian climate change adaptation planning and national capacity, implement the CTI 'Region-wide Early Action Plan for Climate Change Adaptation'.	2015	Int'l			
G4	T1	13	Conduct a national climate change capacity needs assessment, and develop a capacity building program to support climate change adaptation measures.	2011	Nat'l			
G4	T1	14	Revise and update Environmental Quality Act 1974, to incorporate modern environmental management best practice	2012	Nat'l			
G4	T1	15	Strengthen coordination among the Sabah Environmental Education Network (SEEN) (comprising policy-makers, practitioners, planners, and trainers from government agencies, NGOs, and private sector) to undertake Environmental Education efforts in Sabah	2010	Distri ct			
G4	T1	16	Conduct oceanographic surveys in the SSME	2011	Int'l			
G4	T2	1	Establish a 'National Center of Excellence on Climate change Adaptation for Marine and Coastal Environment (NCECCAM)	2010	Nat'l			
G4	T2	2	As a pilot phase activity for the NCECCAM, estimate the economic cost of climate change impacts on Malaysian marine and coastal environments in the absence of adaptation measures, and analyze the costs and benefits of various adaptation options	2013	Nat'l			
G5	T1	1	Complete and implement the Conservation and Management plan for Marine Mammals.					
G5	T1	2	Implement the NPOA for Conservation and Management of Sharks.					
G5	T1	3	Implement the NPOA for Conservation and management of Sea Turtles.					
G5	T1	4	Complete and implement a NPOA for Sea Birds.					
G5	T1	5	Complete and implement a NPOA for Sea grasses.					
G5	T1	6	Complete and implement a NPOA on invasive species.					
G5	T1	7	Establish a Network of Expert for Invasive Marine Species.					
G5	T1	8	Implement ballast water management procedures to reduce the risk of invasive species.					
G5	T1	9	Implement State and National Plan of Actions for Mangrove Conservation and Management.					
G5	T1	10	Complete and implement the NPOA on IUU Fishing.					
G5	T1	11	Review and strengthen where appropriate existing legislation on endangered species management, including but not limited to harvest and trade.					
G5	T1	12	Design and implement management measures and protocols, including enforcement and economic incentives for the protection and management of endangered species and their habitats.					
G5	T1	13	Designate conservation areas, sanctuaries or seasonal exclusion zones critical to endangered species.					

G5	T1	14	Establish and enhance VMS, inspections at sea, in port, and at landing sites, and the national on-board observer program for fisheries and by-catch monitoring.					
G5	T1	15	Introduce net retention and recycling scheme to minimize the disposal of fishing gear at sea and on beaches.					
G5	T1	16	Assess, develop and implement policy to address by-catch of threatened and endangered species in capture fisheries.					
G5	T1	17	Collate, organize and disseminate existing data on endangered species population, habitat utilization and threats.					
G5	T1	18	Strengthen research on genetics and identify areas of critical habitat for threatened and endangered species.					
G5	T1	19	Identify cultural and economic uses of endangered species (both consumptive and non-consumptive), and assess the level and impact of traditional harvest, with particular attention to shark fins and turtle eggs.					
G5	T1	20	Research ballast water treatment technology and practices to combat the introduction of invasive marine species.					
G5	T1	21	Ensure sustainable funding mechanism are in place to promote conservation of threatened and endangered species					

LEGENDS FOR THE WORKSHEET

STATUS	Status of NPOA Action or Partners Activity
0-Proposed	Has: need, mandate. Does Not Have: TOR, budget
1-Planned	Has: TOR, Budget. Does Not Have: Action on Ground
2-In Progress	Has: Action on the ground
3-Closing	Has: People on ground. Does not Have: Future Activity with same funds

REG VALUE	"Regionality" or Regional Value of NPOA Action
Collective Action	Requires collective action
Collective Plan	Applies collective planning but parallel, independent action
Similar Practices	Applies independent but similar action (i.e. best practice)

RANK	Importance of NPOA Action to Address Regional Goal
High	Critical, Needed as first action for other steps, highest cost/benefit
Med	Very Important, but not time sensitive, or lower cost/benefit
Low	Important, but not time sensitive, or smaller impact