

Workshop on Scaling up ICM: Innovations and Impacts at Local, National and Regional Levels

**Transferring good practices,
innovative approaches and lessons
learned from ICM implementation in
East Asia to other regions**

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THE EAST ASIAN SEAS CONGRESS 2015

**Global Targets
Local Benefits**

Setting the Sustainable Development Agenda
for the Seas of East Asia beyond 2015

16-21 November 2015 • Danang, Vietnam



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ICM as Operational Tool for Sustainable Development

▶ ICM as a recognized approach

- UN Conferences and Action Plans
 - ✦ UNCED, WSSD, UNCSD, MDGs, SDGs
- International & UN Organizations
 - ✦ GEF, World Bank, UNDP, UNEP, UNIDO, FAO, IUCN, etc.

▶ ICM as a recognized management framework

- Biodiversity and marine protected areas management (CBD)
- Fisheries and sustainable livelihood (FAO Code of Conduct for Responsible Fisheries)
- Climate change and hazard management (UNFCCC, Hyogo Framework of Action)
- Pollution reduction (GPA)
- Water resources management (IWRM)

ICM as Operational Tool for Sustainable Development

- **Agenda 21, Chapter 17 (1992)**

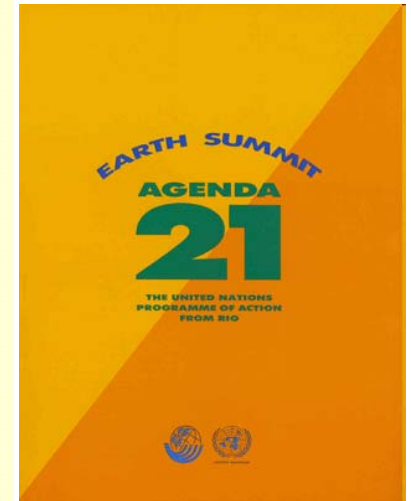
- ❖ UN Conference on Environment and Development, Rio de Janeiro, Brazil
- ❖ Coastal states to undertake integrated management and sustainable development of coastal areas and the marine environment under their national jurisdiction.

- **WSSD Plan of Implementation (2002)**

- ❖ World Summit on Sustainable Development, Johannesburg, South Africa
- ❖ Promote integrated, multidisciplinary and multisectoral coastal and ocean management at the national level, and encourage and assist coastal States in developing ocean policies and mechanisms on integrated coastal management.

- **UN Conference on Sustainable Development (2012)**

- ❖ Rio Ocean Declaration: Scaling up successful ecosystem based management/integrated ocean and coastal management at national, regional & marine areas...
- ❖ The Future We Want: Mainstreaming sustainable development at all levels integrating economic, social and environmental aspects and recognizing their interlinkages.



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RIO+20

United Nations Conference
on Sustainable Development

2030 Agenda for Sustainable Development: Transforming Our World

- Builds on the MDGs
- Called for integrated approaches for achieving the 17 Sustainable Development Goals (SDGs) and associated targets, including conservation and sustainable use of the oceans, seas and marine resources for sustainable development, and actions to combat climate change and its impacts.



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Integration-focused management practices

- Integrated Coastal Management (ICM)
- Integrated Coastal Zone Management (ICZM)
- Integrated Coastal Area Management (ICAM)
- Integrated Coastal and Ocean Management (ICOM)
- Integrated Marine and Coastal Area Management (IMCAM)
- Integrated Water Resource Management (IWRM)
- Integrated River Basin and Coastal Area Management (IRBCAM)



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Integration-focused management practices

- Varying to some extent in terms of:
 - focus and issues addressed
 - operational modalities
 - geographical coverage
- Largely guided by the principles of sustainable development and highlight the importance of:
 - finding a balance to address multiple use conflicts
 - promoting stakeholder participation
 - applying integrative frameworks and methods for planning and management
- Adapted to different administrative and political conditions

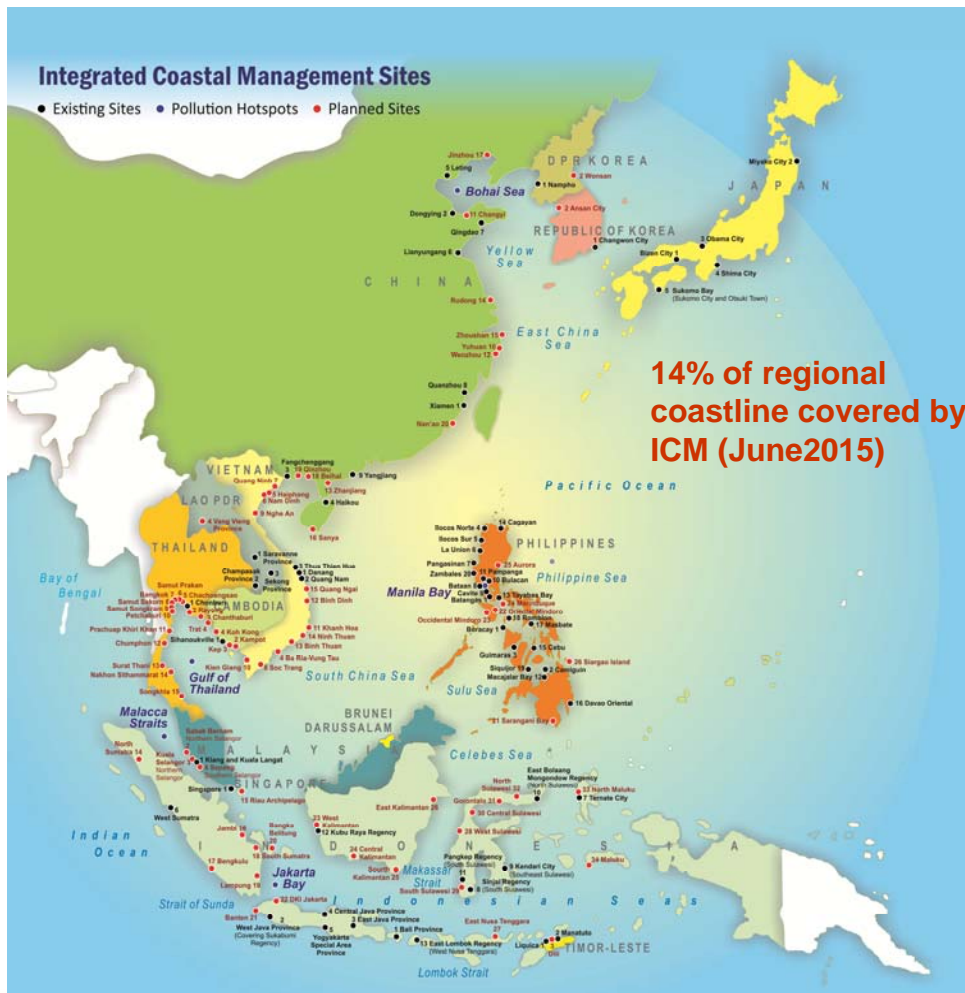


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Coastal and Ocean Governance Initiatives in the EAS region



- UN/Donor supported regional projects: ASEAN, USAID, GEF, UNDP, UNEP, EU, ADB, CTI, etc.

- UN/Donor supported national projects: CRM, CRMP, ICRMP, etc.

- National initiatives

- ✓ Improvements on application of ICM practices at the local level

- ✓ Increasing national efforts in developing coastal and marine policy, legislation and strategies which adopt the ICM concept

Strategic Approaches

- Strengthening of coordination at the regional level
 - Coordination mechanism among countries, regional/sub regional ocean governance mechanisms and relevant institutions
 - Common regional strategy
- Developing national policies, legislations and plans to support integrated approaches
- Building and strengthening on-the-ground capacities in ICM
- Knowledge sharing



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Lessons learned and good practices in ICM implementation at the local level

- Build **local acceptance and ownership** to ensure sustainability
- Build upon existing **government system**
- **Local implementation** but close cooperation and support from national government
- Apply a **holistic and strategic** approach in planning and management across sectors
 - Multisectoral planning and implementation mechanism
 - Long term strategy and medium/short-term action plans
- Build **local capacity** through “learning by doing”
- **Mainstream ICM into local economic agenda** and develop other innovative financing mechanisms
- Ensure **stakeholders participation**; create an informed public to drive political will
- Utilize **scientific basis** for informed decision making and development and implementation of management programs



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Lessons learned and good practices in ICM implementation at the local level

- Application of ICM to address:
 - Climate change adaptation/mitigation and disaster risk reduction and management
 - Biodiversity and habitat protection/conservation
 - Pollution reduction and waste management
 - Water resources and use management
 - Fisheries management and alternative livelihood development



Oil spill response training for local government (Chonburi, Thailand)



Mangrove planting (Bataan, Philippines)



Support for ICM under GEF-6

- BD 3: Sustainably use biodiversity
 - Program 6: Ridge to Reef+
 - ICM to address direct pressure on coral reef ecosystems within and outside marine management areas (to complement existing Ridge to Reef projects focusing on reducing land-based pollution and promoting IWRM)



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Support for ICM under GEF-6

- IW3 Program 6: Prevent the loss and degradation of coastal habitats
 - ICM to tackle complex threats to coastal habitats on different administrative levels using multi-stakeholder approach
 - Conservation of 'blue forests' (contributing to Aichii Target 11 on conservation of 10% of coastal and marine areas)
 - Spatial planning and management of coastal areas and adjacent freshwater basins
 - Habitat protection/conservation/restoration
 - Sustainable alternative livelihoods; community empowerment
 - Policy, legal, institutional reforms at national and local levels
 - Targeted research

GEF International Waters Portfolio

2013: 17 global/regional projects approved

- GEF Grant: US\$ 83,999,403
- Co-financing: US\$802,551,120

2014: 17 global/regional projects approved

- GEF Grant: US\$124,416,405
- Co-financing: US\$910,868,150



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Reducing Pollution and Rebuilding Degraded Marine Resources in the East Asian Seas through Implementation of Intergovernmental Agreements and Catalyzed Investments

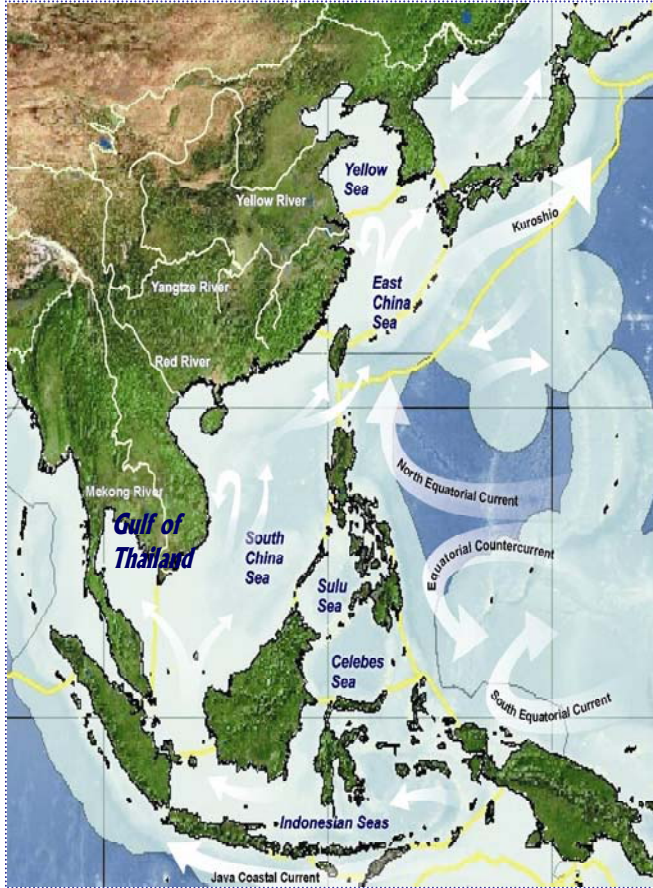
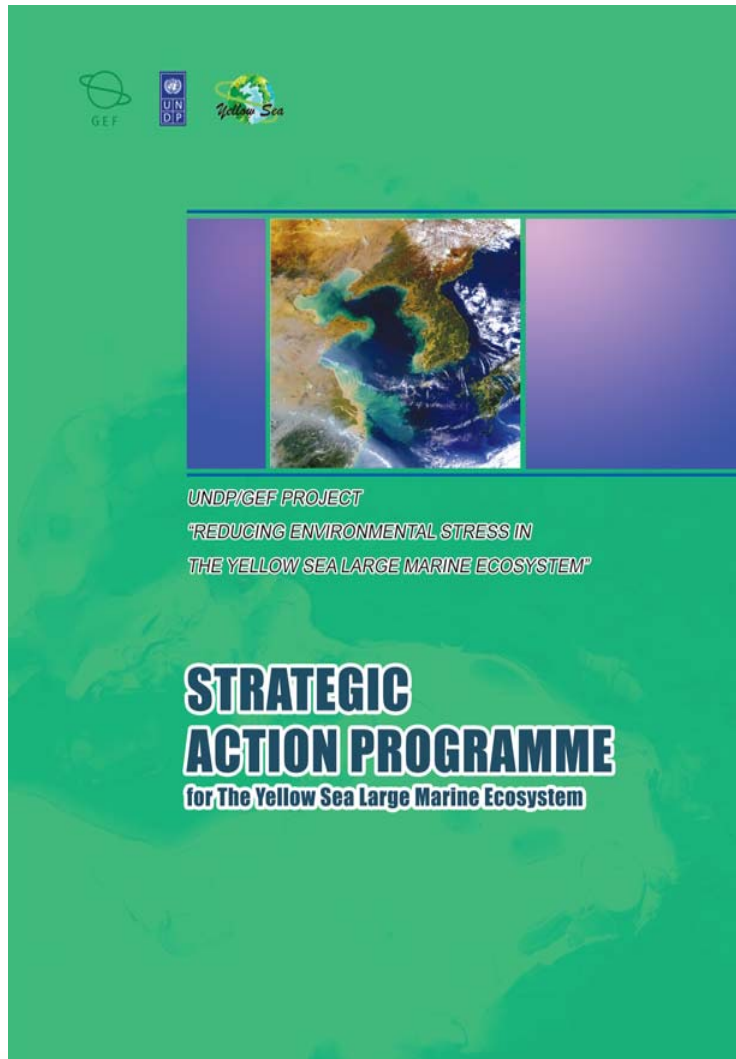


Figure 1. The LME's of the Seas of East Asia

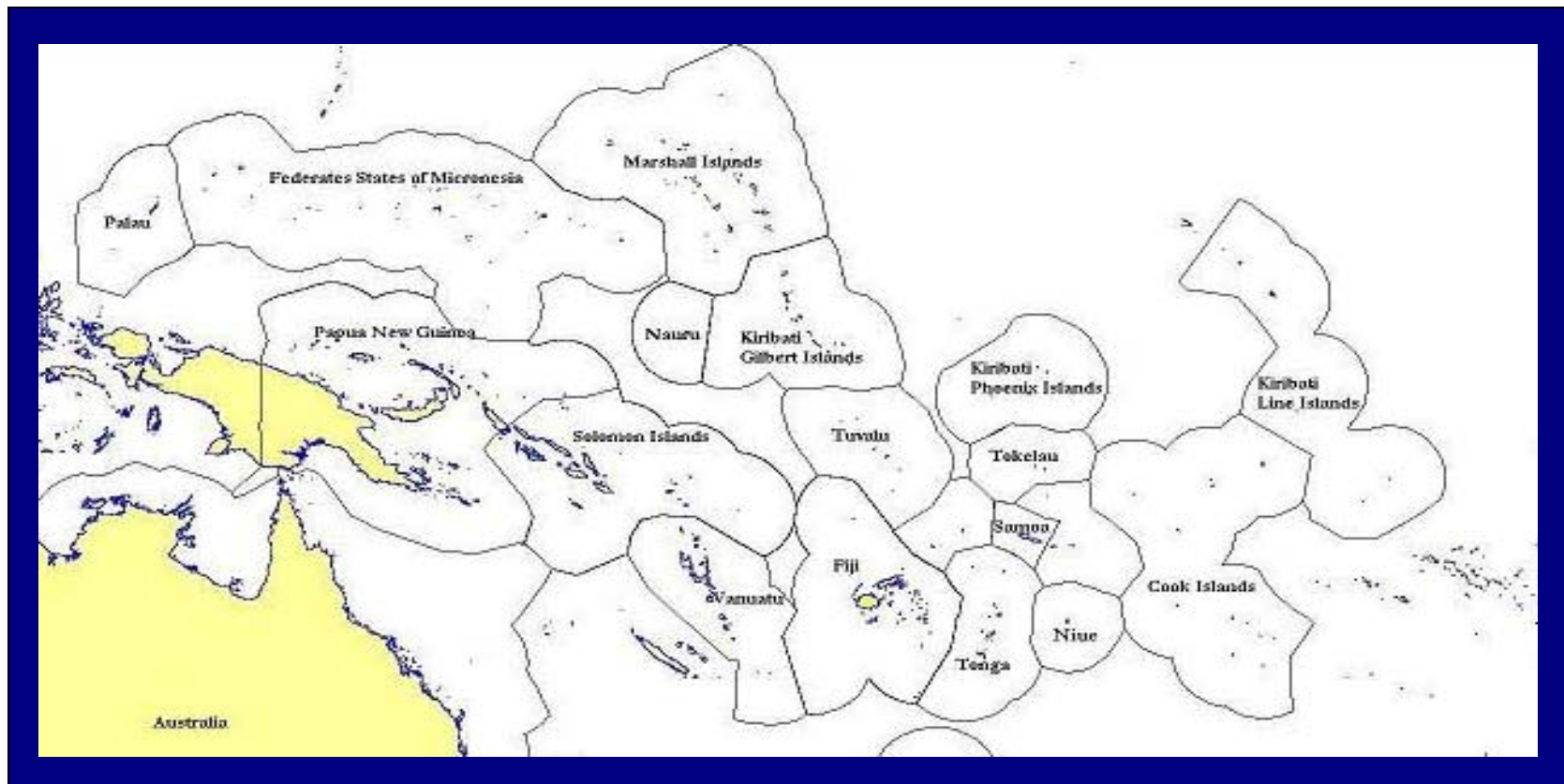
- GEF-Approved in November 2012 (GEF5)
- Consists of three regional projects:
 - Scaling Up Implementation of the Sustainable Development Strategy for the Seas of East Asia
 - Implementation of the Yellow Sea LME Strategic Action Programme for Adaptive Ecosystem-Based Management
 - Sustainable Management of Highly Migratory Fish Stocks in the West Pacific and East Asian Seas
- Regional program support is provided by the SDS-SEA (PEMSEA Project)
- Total GEF Grant: \$20 million

YELLOW SEA SAP Implementation



- China and ROK (self-financing)
- Alternative Livelihoods
- Integrated Multi-trophic Aquaculture
- Nutrient Reduction
- MPA Network

Pacific Islands Ridge-to-Reef National Priorities – Integrated Water, Land, Forest and Coastal Management to Preserve Biodiversity, Ecosystem Services, Store Carbon, Improve Climate Resilience and Sustain Livelihoods



GEF-Approved: June 2013



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Pacific R2R

14 countries: Cook Is; FSM; Fiji; Nauru; Niue; Kiribati; Palau; PNG; RMI; Solomon Is; Samoa; Tonga; Tuvalu; Vanuatu

Component 1	National Multi-focal Area Ridge-to-Reef Demonstrations in all Pacific Island Countries
Component 2	Improved Governance for Integrated, Climate resilient Land, Water, Forest and Coastal Management
Component 3	Regional and National/Local Ridge-to-Reef Indicators, Monitoring and Evaluation and Knowledge Management
Component 4	Regional Program Coordination

GEF-International Waters Projects Approved in 2015

▼ Approved Regional and Global Projects (3)

GEF_ID	Country	Project Name	Focal Area	Agency	Project Type	GEF Grant	Cofinancing	Status
6962	Regional	Advancing IWRM Across the Kura River Basin through Implementation of the Transboundary Agreed Actions and National Plans	International Waters	UNDP	FP	5,329,452	187,070,000	Council Approved
6964	Regional	Volta River Basin Strategic Action Programme Implementation Project	International Waters	World Bank	FP	7,200,000	35,400,000	CEO Endorsed
9054	Regional	Support to the Orange-Senqu River Strategic Action Programme Implementation	International Waters	UNDP	FP	10,815,137	121,000,000	Council Approved
Subtotal						23,344,589	343,470,000	

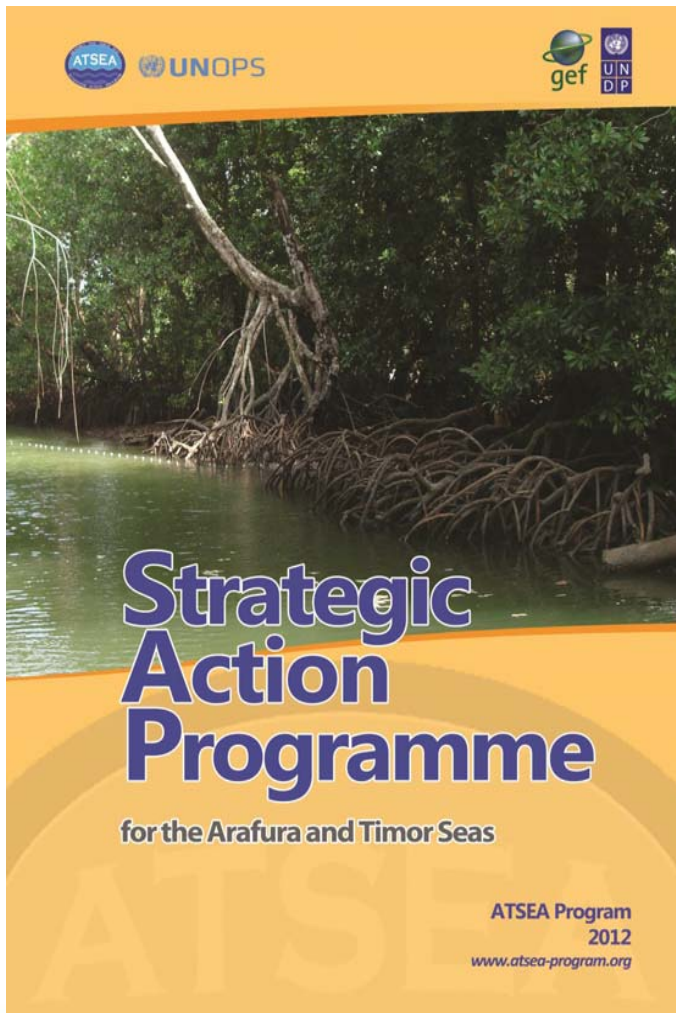


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Arafura and Timor Seas SAP Implementation



Indonesia and Timor Leste

Multifocal Area Project: IW (\$6M); BD (\$5M)

- MPAs
- EAFM
- ICM
- IUU Fishing
- CC Adaptation: EBA

Approved in GEF-6; PPG is ongoing

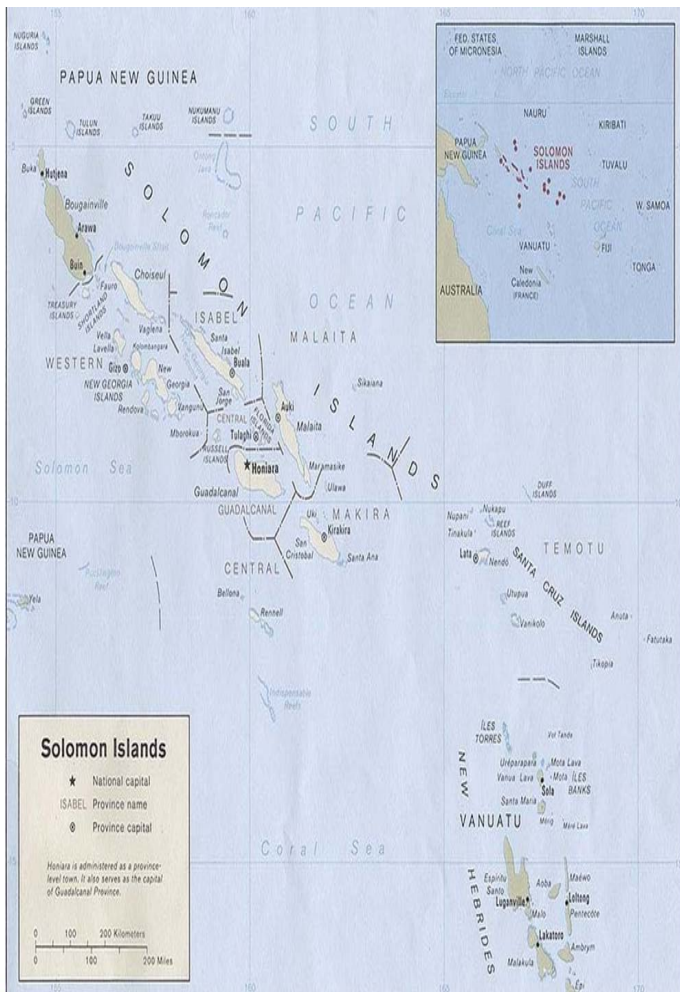


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Solomon Islands Water Sector Adaptation Project (SIWSAP)



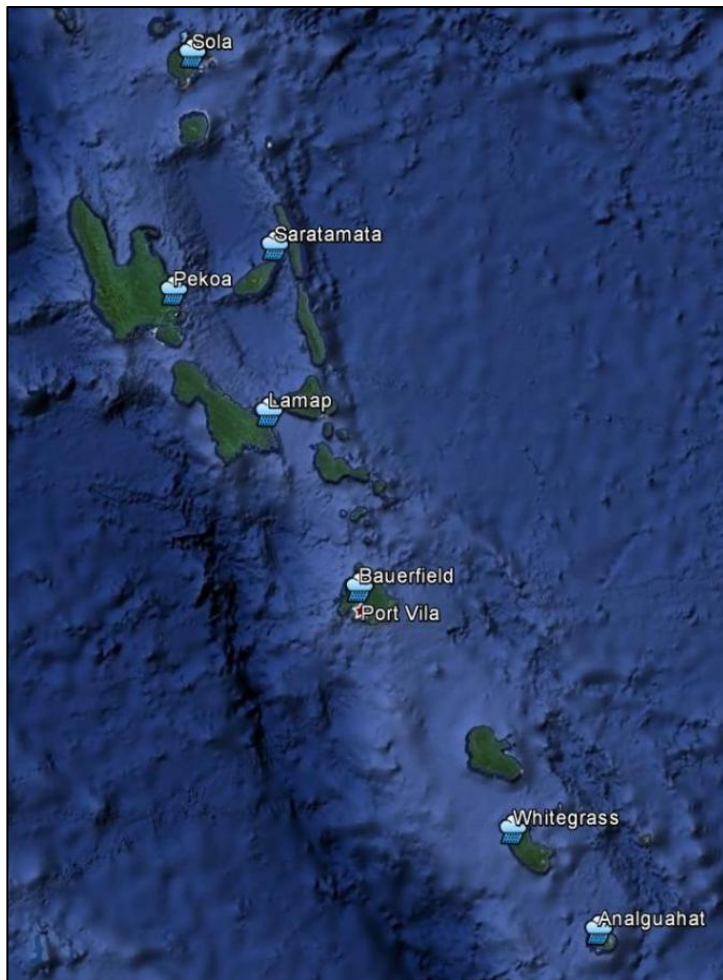
Priority Sites

- Choiseul
- Gizo
- Malaita
- Santa Catalina, Makira
- Rennel and Bellona
- Temotu

Interventions

- Assessments and Planning
- Rainwater harvesting
- Watershed protection
- Sanitation

Vanuatu Coastal Zone Adaptation Project (V-CAP)



Priority Sites

- South Malekula, Malampa Prov
- Central Pentecost, Penama Prov
- South Santo, Sanma Prov
- NW Epi Island, Shefa Prov
- Tafea Outer Islands
- Torres Group, Torba Prov

Interventions

- VA; Planning
- EWS
- Coastal Stabilization
- EBA

- GEF's investments have demonstrated the utility of ICM as a tool to promote national, provincial and local governance reform for improved management of coastal and ocean resources (e.g. in EAS region)
- GEF will contribute to bringing 5 % of coastlines in GEF eligible Large Marine Ecosystems under ICM, considering risks related to climatic variability and climate change



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Approaches to facilitate replication/ scaling up of good practices

- Documentation of good practices and transformation into 'knowledge products' that can guide replication/ application at the local level
- Sharing of good practices through knowledge sharing events/forums
- Dissemination through online knowledge-sharing portals
 - IW-LEARN
 - SEA Knowledge Bank



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Thank You



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GEF-International Waters (Projects Approved in 2014)

GEF_ID	Country	Project Name	Focal Area	Agency	Project Type	GEF Grant	Cofinancing	Status
5535	Regional	Improving IWRM, Knowledge based Management and Governance of the Niger Basin and the Iullemeden Taoudeni Tanezrouft Aquifer System (ITTAS)	International Waters	UNDP	FP	13,425,000	77,956,945	Council Approved
5538	Regional	Implementing the Strategic Action Programme for the South China Sea	International Waters	UNEP	FP	15,000,000	56,060,000	Council Approved
5542	Regional	Catalyzing Implementation of the Strategic Action Programme for the Sustainable Management of Shared Living Marine Resources in the Caribbean and North Brazil Shelf Large Marine Ecosystems (CMLE+)	International Waters	UNDP	FP	12,500,000	110,854,059	CEO Endorsed
5556	Regional	West Balkans Drina River Basin Management	International Waters	World Bank	FP	4,366,210	99,700,000	Council Approved
5674	Regional	Lakes Edward and Albert Integrated Fisheries and Water Resources Management Project	International Waters	AfDB	FP	8,100,000	26,885,000	Council Approved



GEF-International Waters (Projects Approved in 2014)

GEF_ID	Country	Project Name	Focal Area	Agency	Project Type	GEF Grant	Cofinancing	Status
5729	Global	GEF International Waters Learning Exchange and Resources Network IW LEARN	International Waters	UNDP	FP	4,987,500	12,269,312	Council Approved
5748	Regional	Integrated Water Resources Management in the Titicaca-Desaguadero-Poopo-Salar de Coipasa (TDPS) System	International Waters	UNDP	FP	6,563,750	33,460,000	Council Approved
5753	Regional	Realizing the Inclusive and Sustainable Development in the BCLME Region through the Improved Ocean Governmence and the Integrated Management of Ocean Use and Marine Rerources	International Waters	UNDP	FP	10,900,000	174,387,580	Council Approved
5765	Regional	Integrated Transboundary Ridges-to-Reef Management of the Mesoamerican Reef	International Waters	WWF-US	FP	9,018,349	69,457,826	Council Approved
5768	Regional	Enabling Transboundary Cooperation for Sustainable Management of the Indonesian Seas	International Waters	FAO	FP	4,000,000	15,500,000	Council Approved

