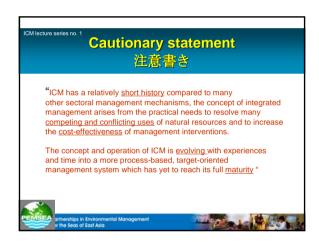
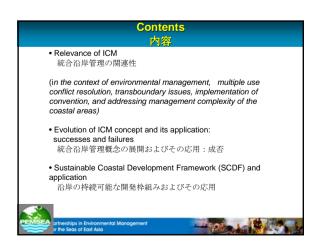


Integrated Coastal Management (ICM):
Concept, Methods and Application for
Achieving Sustainable Coastal Development
統合沿岸管理一沿岸の持続可能な開発を達成する
ための概念・手法及び応用

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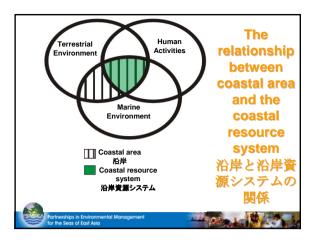














What is ICM? (統合沿岸管理は何?)

Definition 定義

ICM is a coastal <u>management system</u> to <u>regulate human behaviours</u> and <u>preserve</u> <u>functional integrity of terrestrial and marine ecosystems</u> for achieving sustainable development of the coastal areas



What is ICM? (統合沿岸管理は何?)

Characteristic features (1)

特性

- •it adopts an integrative, holistic natural resource and environmental planning and management framework to balance competing and conflicting uses in a coastal area;
- It uses interactive, multi-disciplinary, process-oriented program development and implementation approach;
- It follows an incremental but strategic program management approach ;



What is ICM? (統合沿岸管理は何?)

Characteristic features (2) 特性

- It ensures stakeholder ownership and participation
- It improves coastal governance
- It protects functional integrity of the ecosystems and
- It regulates human activities to ensure economic and environmental sustainability.



Relevance (関連性)

- 1. Environmental Management Framework 環境管理体制
- protect, restore habitats and conserve biodiversity
- reduce pollution and improve environmental quality;
- speedy response to disasters to save lives and properties
- enhance water supply and manage water resources
- contribute to food security in coastal areas and preserve livelihoods of coastal poor.





Relevance (関連性)

- 2. Multiple use conflict resolutions 複合的利用の問題解決
- Conflicts arising from multiple uses in the coastal and marine areas;
- Conflicts arising from change of consumption and use patterns manifested by globalization and
- · Increasing coastal urbanization;



Relevance (関連性)

- 3. Resolve transboundary issues 境界問題の解決
- Cross boundary issues (pollution, biodiversity, fisheries,) within and across national jurisdictions;
- Growth triangles environmental issues:
- Increased shipping movements arising from trade globalization: health, ecosystem and safety issues at ports



Relevance (関連性)

4. ICM as a recognized international approach

認められている国際取り組みとしての統合 沿岸管理

•UN Conferences/ Conventions and Action Plans (UNCED,WSSD,UNICPOLOS, CBD, IPCC, Agenda 21, GPA) for addressing pollution, natural resource management, biodiversity, MPAs, climate change, etc

•International & UN Organizations (IUCN, GEF, UNDP, UNEP, UNIDO, FAO, IUCN, WWF, Cl, etc)

Financing and Aid Agencies (World Bank, ADB, USAID, EU, DANIDA, DANCED, UK, etc)

artnerships in Environmental Management of the Seas of Fast Asia

Relevance (関連性)

- 5. Decentralization and Urbanization 地方分権および都会化
- Increasing trend of decentralization of responsibilities by central to local governments
- Rapid rate of coastal urbanization resulting in imbalance of economic development, widening gap between rural and urban areas, increasing social disorders, etc
- demand for local actions

artnerships in Environmental Manageme

Relevance(関連性)

6 . Demand for "soft approach" to coastal management

沿岸管理へのソフト・アプローチに関する要求

- paradigm shift from "hard" (engineering) to "soft" approach
- build public awareness, secure public opinion, promote integration, encourage stakeholders participation, develop new legislation and ordinances

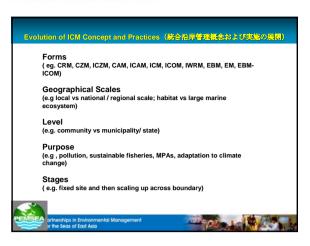


Relevance (関連性)

- 7 . Applicability 適用性
- ICM application vary: demographic, socioeconomic & ecological conditions
- Administration of ICM influenced by: population density, space availability, priority and level of economic development: Europe, America, Asia, Africa, Latin America





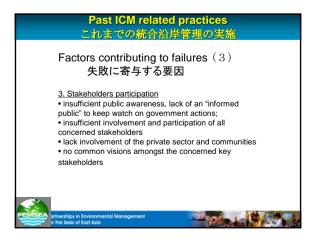










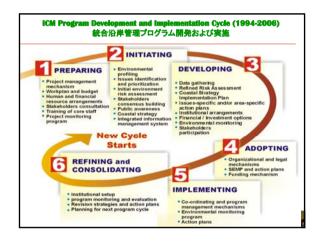


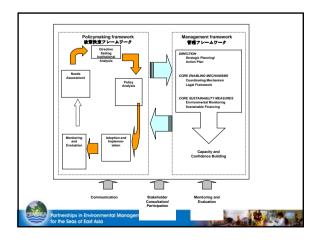


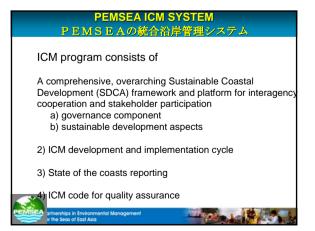
Past ICM related practices これまでの統合沿岸管理の実施 Lessons Learned (1) 学んだ教訓 1. improve local government ownership a) strengthen the leadership role of the local government b) mobilize stakeholder participation under common vision and strategies; c) let the locals make their own decisions d) build local capacity to increase confidence and e) effective use of local resources; 2. External facilitator's role (projects, consultants, donors) is to help established the needed institutional mechanism and legal framework, clarified management issues, provided management options and capacity building;



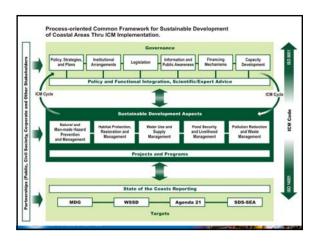














* policy, strategies and action plans; 政策・戦略・行動計画

* institutional arrangements; 制度的取り決め

* legislation/ ordinances; 法律・条例

* information/ public awareness; 情報・社会の認識

* financing mechanism; 融資メカニズム

* capacity development. 能力開発

















































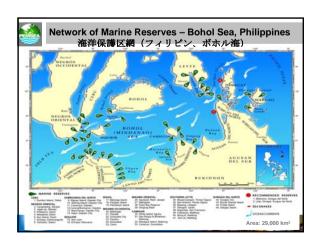














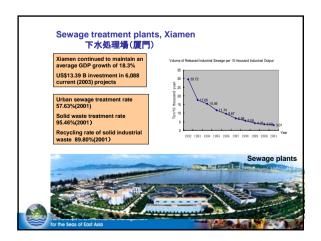


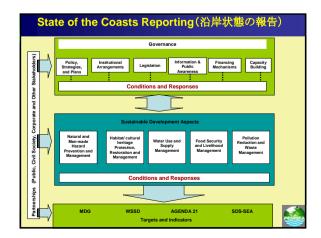










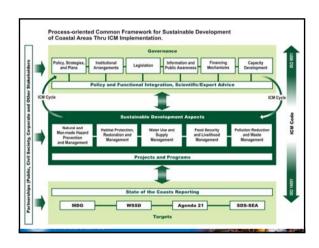




State of the Coasts Reporting (沿岸状態の報告) Part II: General demographic, socioeconomic information Part III: Summary of Target and Responses Part III: Detail information on Targets and Responses Indicators: MDG, WSSD, SDS and other sustainable development indicators.







1. ICM is a coastal area management system which employs an integrative, holistic, proactive management approach and in interactive planning process in addressing the complex management issues through implementation of the SCDF to achieve the goal of sustainable development.

Kev Messages

