

Abstract

SESSION 1:

A Decade of Partnerships in Sustainable Development of the Seas of East Asia: Synergies and Achievements

WORKSHOP 1.1:

Managing Risks in Climate Change and Disasters in the Seas of East Asia

Climate Change Adaptation and Disaster Risk in Coastal Areas of Sukabumi Regency, West Java, Indonesia

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Key Message : empowering local coastal community with local wisdom in preparedness of natural risk disaster and climate change adaptation and mitigation.

Sukabumi Regency is located in the West Java province on the south coast of Java Island, about 170 km away from Jakarta. Blessed with natural wonder reflected in mountains, forests, rivers, sea and the beaches. The government of Sukabumi Regency, at the same time, recognizes the potential threats to the ecological balance of its coastal areas, as a result of pollution, habitat degradation, coastal erosion and sedimentation, and Natural Disaster Risk (such as : floods, landslide, earthquake, tsunami, high tide) as environmental challenges in addition to the number of management issues such as multiple-use conflicts and the lack of integrated planning.

Impact of high tide on May 2007 in Palabuhanratu, Sukabumi Regency such as: Increase the inundation area of cultured fisheries, loss of assets and Economic infrastructure, increase of erosion, damage to coastal site in cultured along with coastal areas and small islands of biodiversity

Strategy

Coastal Strategy for Sukabumi includes a strategy to prevent, minimize and overcome natural and man made disaster risks

Approach

There are three approaches to managing disaster, including : mitigation aspect, adaptation aspect and disaster reduction aspect

Mitigation Aspect

- Studies and Planning Documents
 - ✓ Study of Tsunami Disaster Risk Impact in Palabuhanratu Bay
 - ✓ Hazard/vulnerability maps prepared in 9 districts; identified highly vulnerable coastal and watershed areas, resources, habitats, coastal communities and sectors of coastal communities
- Green City Development Program and other conservation programs
- Public Awareness : Mangrove Plantation At Cibuni Estuary, and Cimandiri Estuary by local community

Adaptation Aspect

- Inventory of data for traditional /local wisdom (for supporting national programme "Climate Village Programme")
- Development of resilience coastal village in Loji and Cidadap Villages, Subdistrict of Simpenan, and Palabuhanratu Village, Subdistrict of Palabuhanratu

Disaster Risk Reduction Aspect

- Establish eevacuation zone
- Evacuation route and signs
- Simulations of Preparedness Tsunami Risk Disaster



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Global Targets
Local Benefits

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