



Orientation Workshop and Policy Seminar

## Banking on mangroves: a case for investing in coastal ecosystems

Karachi, 27–29 November 2008

### Event

*Banking on mangroves: a case for investing in coastal ecosystems* is organised jointly by the International Union for Conservation of Nature (IUCN) Pakistan and the South Asian Network for Development and Environmental Economics (SANDEE).

The three-day orientation workshop and policy seminar will focus on the management of coastal ecosystems, with particular reference to mangrove forests in South Asia.

The aim is to raise awareness regarding the economic significance of coastal ecosystems, to examine the

range of services provided by mangroves, to understand the economic implications of mangrove destruction, and to identify the challenges of conserving coastal ecosystems. The workshop and seminar will provide a forum for knowledge sharing, based on research concerning the valuation of mangrove ecosystems in South Asia. The workshop will also introduce participants to some of the tools that are employed to conduct a valuation of natural resources.

### Participants

The event aims to inform civil society, coastal zone managers, NGO staff, academics, researchers and policy



makers about the ecosystem services that coastal areas provide, and to create awareness about how these services can best be used, managed and conserved.

The first two days, consisting of an orientation workshop, are aimed at a mixed group of individuals from various government agencies involved in coastal zone management, as well as academics and members of civil society. The policy seminar on the third day is specifically designed to introduce to policy makers, politicians and civil servants the idea that coastal ecosystems are sound investments because they carry great potential economic value.

### Content

The event is divided broadly into three components, corresponding with each day's events:

1. Overview of coastal ecosystems in South Asia, and economic valuation of the ecosystem services of mangrove forests.
2. Management and rehabilitation of mangrove ecosystems in South Asia, with specific reference to Pakistan.

### Objectives:

- Begin a consultative process that will lead to the formulation of an integrated coastal zone management strategy.
  - Raise awareness about the economic value of coastal ecosystem resources.
  - Assess the needs of stakeholders in terms of orientation and training for the next steps required.
3. Panel discussion and policy seminar.

### Objectives:

- Initiate a dialogue with policy makers at the highest level regarding the value and importance of coastal ecosystems.
- Create awareness about the untapped potential economic benefits that can arise from investment in coastal ecosystems.
- Highlight the need to include coastal ecosystems in economic and development planning in the future.



Details of each day's sessions are as follows:

### Day 1

Welcome address (Nikhat Sattar)

#### Session 1 – Overview of the issues

Part 1: Coastal ecosystems in South Asia: status and challenges, with specific reference to Pakistan (Tahir Qureshi)  
Part 2: Economic valuation of coastal resources (Priya Shyamsundar)

**Session 2 – Storm protection services of mangroves: evidence from a super-cyclone, India (Saudamini Das)**

**Session 3 – Financing coastal ecosystems: the MFF experience (Maeve Nightingale)**

**Session 4 – Tourism in the Sundarbans: mangrove conservation and poverty reduction, India (Santadas Ghosh)**

**Session 5 – Post-tsunami valuation of mangroves (Thushara Ranasinghe)**

**Session 6 – End of day activity: participant discussion**

### Day 2

Synopsis of Day 1 and issues moving forward (Mani Nepal)

**Session 7 – Cost-benefits from mangrove ecosystems to local and national economies, Pakistan (Saima Beig)**

**Session 8 – Fishery nursery services of mangroves, Pakistan (Makhdoom Hussain)**

**Session 9 – Recreation services of mangroves, Pakistan (Naveed Zaffar)**

**Session 10 – Managing mangroves at the community level: issues and opportunities, Pakistan (Asghar Shah)**

**Session 11 – Mangrove rehabilitation in Pakistan (Riaz Wagan)**

**Session 12 – End of day activity: participant feedback and workshop evaluation.**

### Day 3

Welcome address (Javed Jabbar)

**Session 13 – Investing in coastal ecosystems: policy implications**

Part 1: Introduction to mangrove conservation (Tahir Qureshi)  
Part 2: Summary of previous days' presentations (Priya Shyamsundar)  
Part 3: Panel on the challenges of coastal conservation and development

Panel moderator: Priya Shyamsundar

### Field trip

The afternoon of Day 3 is reserved for a field trip to the Karachi coast, providing workshop participants with an opportunity to see for themselves a successful example of mangrove management and rehabilitation.

### Resource persons

Resource persons include researchers and practitioners focusing on South Asian coastal zone ecosystems and the economics of natural resource management.

### Venue

Hotel Pearl Continental, Karachi



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