



Regional technical workshop
“Coastal protection in the aftermath of the Indian Ocean tsunami:
what role for forests and trees?”

28 – 31 August 2006
Khao Lak, Thailand

Agenda

Pre-workshop - Sunday 27 August

15:00 – 18:00 Registration of participants *Reception desk,
Business centre*

Monday 28 August

08:00 – 09:00 Registration of participants *Reception desk,
Business centre*

09:00 – 09:15 Welcome address *Plenary*
Mr. He Changchui
FAO Assistant Director-General and Regional Representative for
Asia and the Pacific

09:15 – 09:30 Introduction to the workshop and speakers *Plenary*
Ms. Susan Braatz
FAO; Programme Coordinator, Forestry Programme for Early
Rehabilitation in Asian Tsunami Affected Countries

Adoption of the agenda

Protection from tsunamis

09:30 - 10:00 Thematic paper: The role of coastal forests and trees in protecting
against tsunamis. (20 min presentation, 10 min Q&A) *Plenary*

Dr. Hamzah Latief
Department of Oceanography, Faculty of Geosciences and
Mineral Technology, Institute of Technology, Bandung, Indonesia *Plenary*

10:00 – 10:30 COFFEE BREAK

10:30 – 10:45 Field study presentation: The coastal vegetation role in protecting the
Thailand coast against the 26 December 2004 tsunami. *Plenary*
Ms. Absornsuda Siripong
Marine Science Department, Faculty of Science, Chulalongkorn
University, Thailand



Protection from tsunamis, cont.

- 10:45-11:00 Field study presentation: Outcomes of the project ‘In-depth assessment of mangroves and other coastal forests affected by the tsunami in Southern Thailand’.
Dr. Chongrak Wachrinrat
Kasetsart University, Thailand *Plenary*
- 11:00 -11:15 Field study presentation: Understanding tsunami impacts from reef islands' perspective: experience from the Maldives
Dr. Mohamed Ali
Ministry of Environment, Energy and Water, Maldives
Director, SAARC Coastal Zone Management Centre *Plenary*
- 11:15 – 12:00 Open discussion of forests/trees’ role in protection from tsunamis based on the above four presentations and participants’ experience. *Plenary*

12:00 – 13:15 LUNCH BREAK

Protection from cyclones

- 13:15 – 13:45 Thematic paper: The role of coastal forests and trees in protecting against cyclones. (20 min presentation, 10 min Q&A)
Dr. Hermann Fritz
School of Civil and Environmental Engineering, Georgia Institute of Technology, USA *Plenary*
- 13:45 – 14:00 Field study presentation: Cyclone disaster mitigation in Bangladesh.
Prof. M. Alimullah Miyan
South Asian Disaster Management Center ,
International University of Business Agriculture and Technology
Bangladesh *Plenary*
- 14:00 – 14:15 Field study presentation: Evaluation of storm protection function: a case study of mangrove forest of Orissa, India and the 1999 super cyclone.
Ms. Saudamini Das
Institute of Economic Growth, University of Delhi Enclave, Delhi,
India *Plenary*
- 14:15 – 15:00 Open discussion of forests/trees’ role in protection from cyclones based on the above three presentations and participants’ experience. *Plenary*

15:00 – 15:30 COFFEE BREAK

Protection from wind and salt spray

- 15:30 – 16:00 Thematic paper: The role of coastal forests and trees in protecting against wind and salt spray. (20 min presentation, 10 min Q&A)
Prof. Eugene Takle
Department of Geological and Atmospheric Science
College of Liberal Arts and Sciences, Iowa University, USA *Plenary*



Protection from wind and salt spray, cont.

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| 16:00 – 16:30 | Field study presentation: Use of coastal shelterbelts along the East coast of India
<i>Dr. Narasimhan Duvuru</i>
<i>Department of Botany, Madras Christian College, India</i> | <i>Plenary</i> |
| | Field study presentation: The important role of trees in combating coastal erosion, wind and salt spray – a New Zealand case study.
<i>Mr. Peter Berg.</i>
<i>NZ Forestry Limited. New Zealand</i>
<i>Presented by Dr. Jeremy Broadhead, FAO.</i> | |
| 16:30 – 17:00 | Open discussion of forests/trees' role in protection from wind and salt spray based on the two presentations and participants' experience. | <i>Plenary</i> |
| 18:30 – 20:00 | WELCOME RECEPTION | <i>Kuk- Kak</i> |

Tuesday 29 August

Protection from coastal erosion

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| 08:00 – 08:30 | Thematic paper: The role of coastal forests and trees in protecting against coastal erosion. (20 min presentation, 10 min Q&A)
<i>Mr. Gegar Prasetya</i>
<i>Agency for the Assessment and Application of Technology, Indonesia</i> | <i>Plenary</i> |
| 08:30 – 08:45 | Field study presentation: Status of coastal erosion in Viet Nam and proposed measures for protection.
<i>Dr. Ngo Ngoc Cat</i>
<i>Centre for Training, Consultancy and Technology Transfer Vietnam Academy of Science and Technology.</i> | <i>Plenary</i> |
| 08:45 – 9:30 | Open discussion of forests/trees' role in protection from coastal erosion based on the two presentations and participants' experience. | <i>Plenary</i> |
| 09:30 – 10:00 | COFFEE BREAK | |

Coastal area planning and management

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| 10:00 – 10:20 | Thematic paper: Coastal area planning and management with a focus on disaster management and the protective role of coastal forests and trees.
<i>Ms. Jane Preuss</i>
<i>Planwest Partners, USA</i> | <i>Plenary</i> |
| 10:20 – 10:45 | Open discussion of coastal area planning and disaster management. | <i>Plenary</i> |
| 10:45 – 11:00 | Field study presentation: Mangrove planting for coastline protection - to plant or not to plant?
<i>Mr. Tan Kim Hooi</i>
<i>Centre for Coastal & Marine Environment, Maritime Institute of Malaysia</i> | <i>Plenary</i> |
| 11:00 – 11:30 | Open discussion of mangrove planting for coastline protection. | <i>Plenary</i> |



Synthesis		
11:30 – 11:50	Thematic paper: Synthesis of the protective functions of coastal forests and trees against natural hazards <i>Dr. Eric Wolanski</i> <i>Australian Institute of Marine Science</i>	<i>Plenary</i>
11:50 – 12:30	Open discussion of the synthesis and overall findings regarding the protective functions of coastal forests/trees against natural hazards.	<i>Plenary</i>
12:30 – 13:30	LUNCH BREAK	
13:30 – 14:00	Introduction to the diagnostic tool	<i>Plenary</i>
14:00 – 15:30	Diagnostic tool working groups	<i>Break out rooms</i>
15:30 – 16:00	COFFEE BREAK	
16:00 – 17:00	Diagnostic tool working groups, continued	<i>Break out rooms</i>

Wednesday 30 August

08:30 – 10:00	Presentation and discussion of the results of the diagnostic tool working groups	<i>Plenary</i>
10:00 – 10:15	Introduction to the recommendations working groups	<i>Plenary</i>
10:15 – 10:45	COFFEE BREAK	
10:45 – 11:45	Recommendations working groups	<i>Break out rooms</i>
11:45– 12:00	Introduction to the field trip <i>Mr. Sa-Ngob Panichart</i> <i>Forest Official, Department of Marine and Coastal Resources</i> <i>Mangrove Research and Development Station, Phuket</i>	<i>Plenary</i>
12:30 – 17:00	Packed lunch and field trip <i>Post-tsunami forest rehabilitation: coastal shelterbelts at Laem Krang Yai, Pakarang Cape and mangrove replanting at Ban Nam Khem, Phang Nga</i>	

Thursday 31 August

08:00 – 09:00	Presentation of “consolidated” diagnostic tool results	<i>Plenary</i>
09:00 – 10:30	Recommendations working groups, continued	<i>Break out rooms</i>
10:30 – 11:00	COFFEE BREAK	
11:00 – 11:45	Presentation and discussion of the recommendations working groups’ results	<i>Plenary</i>



11:45 – 12:30	Presentations: forestry initiatives for coastal protection	
	<i>1. UN / International Strategy for Disaster Reduction's work in Environment and Disaster Reduction, including in coastal protection Mr. Akshat Chaturvedi, UN / ISDR Regional Programme for Asia and the Pacific.</i>	<i>Plenary</i>
	<i>2. Wetlands International: Green Coast project & 3. IUCN: Mangroves for the Future Initiative Mr. Vikmuthi Weeratunga, IUCN- The World Conservation Union - Sri Lanka Office.</i>	<i>Plenary Plenary</i>
	<i>4. Forestry programme for early rehabilitation of tsunami affected areas in Sri Lanka. Mr. Ananda Wijesooriya, Forest Department, Sri Lanka</i>	<i>Plenary</i>
	<i>5. Tsunami events in Peninsular Malaysia: intensified research and development to establish vegetation for coastal protection Dr. Shamsudin, Forest Research Institute of Malaysia</i>	
	<i>Presentation/discussion of other organizations' related initiatives</i>	
	<i>6. Mohamed Ali, upcoming activities of SAARC Coastal Zone Management Centre related to coastal protection</i>	
12:30 – 13:30	LUNCH BREAK	
13:30 – 14:15	Presentation and discussion of the consolidated list of recommendations	<i>Plenary</i>
14:15 – 15:30	Adoption of the results and recommendations and closing of the workshop	<i>Plenary</i>