

WG1: NATURAL DISASTERS AND PROTECTED AREAS

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WG1 Meeting



WG1 Outcomes

◆ Session 1 “Natural Disasters in Protected Areas”

1. Global Efforts on DRR (UNISDR)

2. Volcanic Disaster (2) (Japan)

3. Climate Change (World, Asia)

e.g. Global Warming, Ocean

“Cross-Boundary Problem”

Sea Level Rise, GLOF, Migratory Species,
Invasive Plants, Coral Bleaching

“Change of the Value of PAs and the surroundings
in quality”

◆ Session 2 “Ecosystem Conservation and DRR”

1. Ecosystem based DRR (IUCN)

2. Methodology to decrease Vulnerability

- 1) Technology “Chisan”, Impact Assessment, Monitoring (China, JICA), Protecting Park Facilities (USA)
- 2) Local and Indigenous Knowledge (Indonesia)
- 3) Resilience enhancing – Community, Urban (Vietnam, Indonesia, Thailand, etc.)
- 4) Consistent Law Enforcement (Indonesia)
- 5) Dynamic Approach to conserve the whole ecosystem (USA)

WG1 Outcomes

◆ Session 3 “Great East Japan Earthquake” (Japan)

1. Land Use – Mountains, rivers, marines

2. Coastal Conservation

- 1) 140km length Disaster-Prevention Forest,
 - Safety Recycled Materials,
 - Cooperation with NGOs, NPOs, Volunteers
 - Scientific Evidence to the Reason Why Japanese Black Pine is selected
- 2) Coastal Ecotone – Mechanism of Autonomous Ecosystem Recovery

WG1 Outcomes

◆ Session 3 “Great East Japan Earthquake” (Japan)

3. Culture Conservation in Sanriku Fukko (Reconstruction) National Park

4. Disaster Experiences sharing to Next Generation

Discussion

- Why are seawalls still being constructed ?
- Lack of Consistency in Law Enforcement
- Hasty Recovery Plan and Land Use Plan
- Experts in the Field of Landscape Planning, Nature Conservation Should Get Involved in an Early Stage

WG1 Outcomes

◆ Session 4 “Management and Reconstruction after a Disaster”

1. Recovery from 3.11 GEJE

- **Local Communities moved to higher ground**
DRR coping, Broken Communities (Japan)
- **Michinoku Coastal Trail (Japan)**
Walking Tourism, Life Experience, etc.

2. Fukushima Daiichi Nuclear disaster (Japan)

- Designation as a PA ?

WG1 Outcomes

◆ Session 4 “Management and Reconstruction after a Disaster”

3. Good Use of Volcano (Japan)

- Environmental Education at Volcanic Ruins
- Cooperation between the National Park and Geopark

4. Rehabilitation of Coral Reefs (Thailand)

- Tsunami, Excessive sedimentation, Overturned, Case by Case Approach; Substrates, Larvae etc.

5. Fire Control (Indonesia)

- Community Development