



**Global Platform
for Disaster Risk Reduction**
Third Session, Geneva, Switzerland
8 - 13 May 2011

The world's foremost gathering on reducing disaster risk and building the resilience of communities and nations.

Incorporating Protection of Cultural Heritage into Disaster Risk Management

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Priorities During Disasters

Priorities – Life Safety



Evacuate



Search & Rescue



Medical Care

Priorities – Cultural Heritage



What is Cultural Heritage??

What is Cultural Heritage?

Tangible cultural heritage: immovable



What is Cultural Heritage?

Tangible cultural heritage: immovable



What is Cultural Heritage?

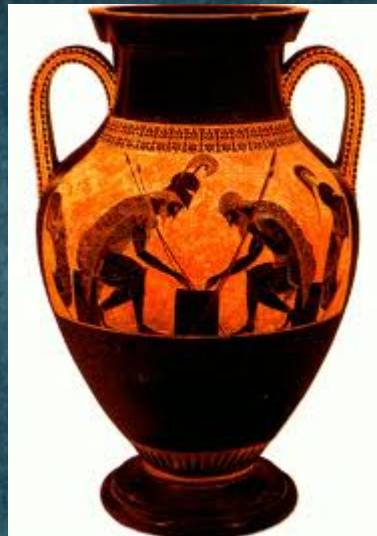


What is Cultural Heritage?



What is Cultural Heritage?

Tangible cultural heritage: moveable



What is Cultural Heritage?

Intangible cultural heritage (oral traditions, performing arts, rituals)



What is Cultural Heritage?

Natural heritage



What is Cultural Heritage?

Tangible cultural heritage: Underwater



Heritage Losses During Disasters

Heritage Losses – During Disasters

Earthquake



Heritage Losses – During Disasters

Earthquake



Heritage Losses – During Disasters

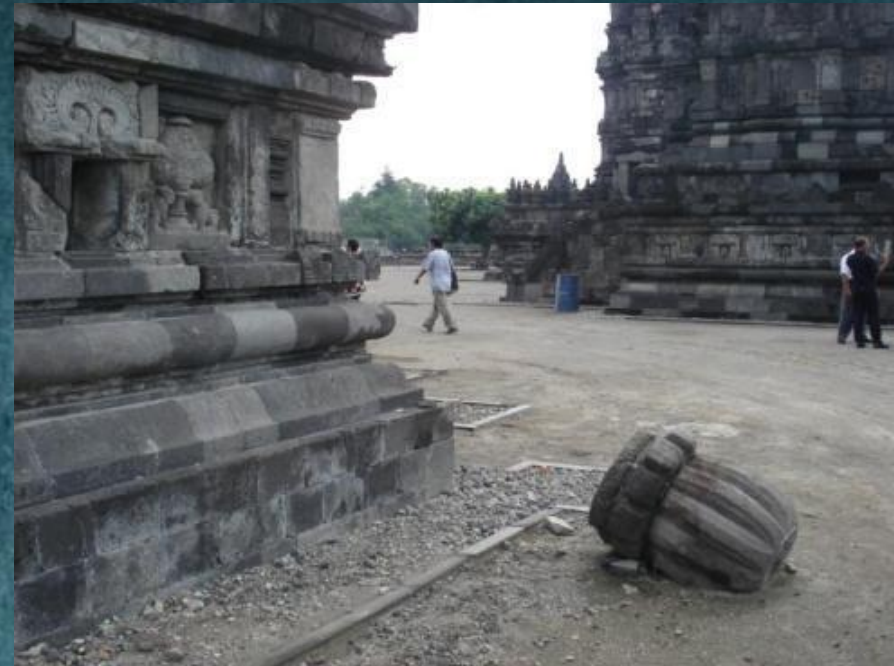


Heritage Losses – During Disasters



Indonesia Earthquake
13 June 2006

World Heritage Site of
Prambanan Temple Complex, Java



Heritage Losses – During Disasters



Kobe Earthquake 1995

Heritage Losses – During Disasters



Flooded church marking border between river Skeksna and White Lake. © Lonely Planet / SuperStock



Flooded church tower, Alps, Italy
© Belinda Images / SuperStock
4107-36792-N-X999

Heritage Losses – During Disasters

Wildfires



World Heritage Site of Olympia, Greece

Heritage Losses – During Disasters



Church Buried by Paricutin Eruption

http://www.delivery.superstock.com/WI/223/4187/PreviewComp/SuperStock_4187-3511.jpg

Heritage Losses – During Disasters



Heritage Losses – During Disasters



Photos : Zeynep Gul Unal



Fire in Istanbul's Historic Haydarpaşa Train Station, 28 November 2010

Heritage Losses Following Disasters

Heritage Losses – Following Disasters



Destruction of Cultural Heritage more by demolition than by Earthquake during Emergency response

Heritage Losses – Following Disasters

Demolition Before Assessments



Heritage Losses – Following Disasters

- Slow Recovery Efforts
 - Mold, weather, theft
 - Inadequate
 - Planning
 - Financial Resources
 - Personnel Resources
 - Training
 - Tools



A Czech vest, frozen for transport to the lab.



Why is Heritage Important??

Why Is Heritage Important??

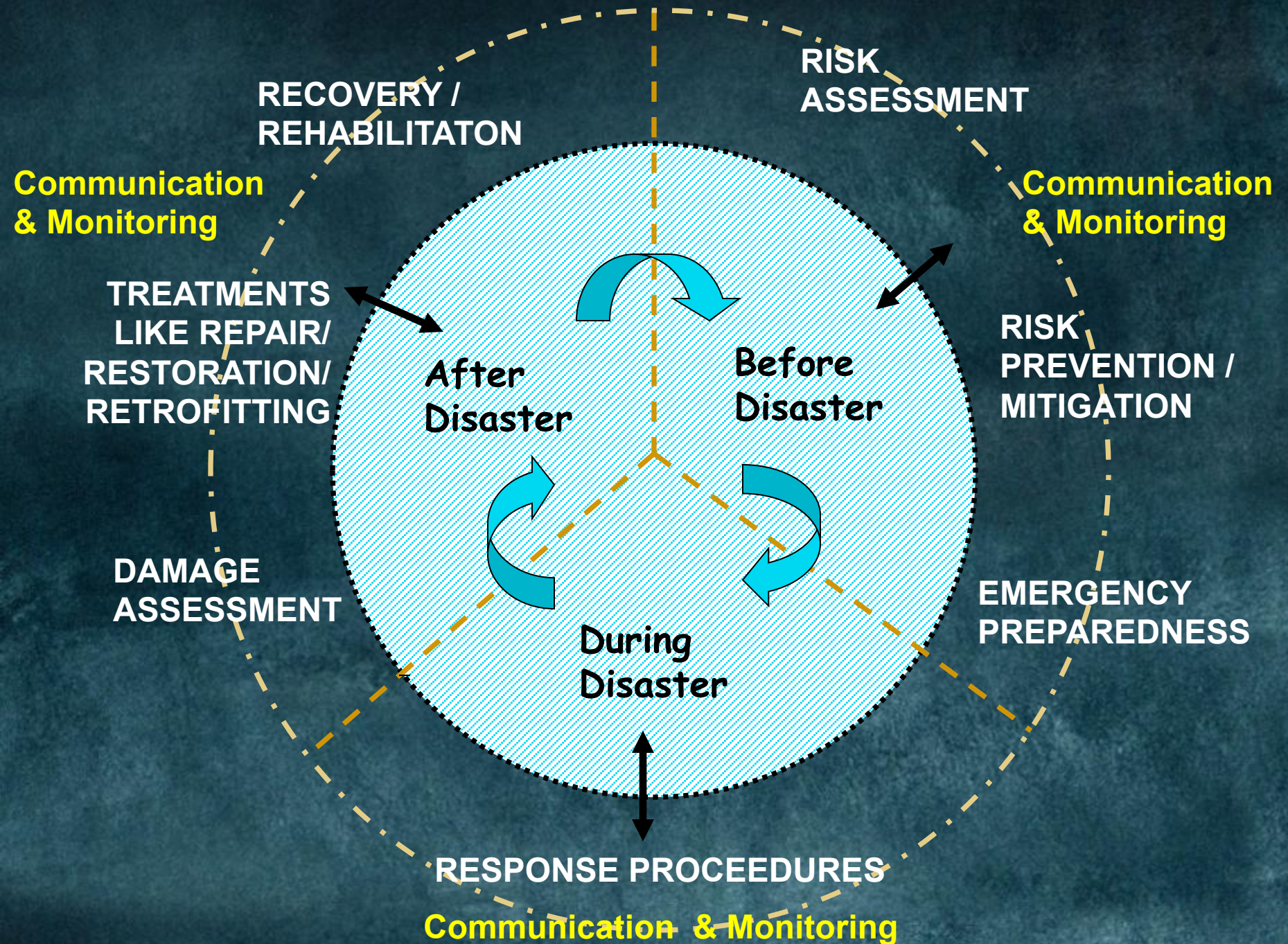
Spiritual, Cultural, Social, Economic-

- Spiritual centers
- Meeting places to strengthen relationships with one's community and country
- A sense of local and regional identity
- A link to one's past

Why Is Heritage Important??

Spiritual, Cultural, Social, Economic-

- An invaluable educational resource
- Maintain community pride and a sense of belonging
- Serves as physical anchors within a community
- Economic – tourism
- Area of refuge in emergency situations.



Disaster Preparedness

Disaster Risk Reduction - Preparedness

- Undertake an inventory of cultural heritage properties, artifacts, traditions, etc;
- Assess heritage vulnerability related to construction, condition and site influences.
- Raise awareness regarding significance of cultural heritage
- Undertake cost-benefit analyses to assess the economic impact of disasters on community.

Disaster Risk Reduction – Preparedness

- Document indigenous construction methods, materials and techniques.
- Undertake research on performance of traditional construction techniques and materials.
- Prepare Inspection/Maintenance Guides
- Gather/file information and locate remotely.

Disaster Risk Reduction – Preparedness

- Compile lists of qualified heritage specialists and their skills, along with all contact details
- Develop damage assessment skills, documentation forms and fieldwork processes accounting for special characteristics of heritage properties, historic landscapes and collections.

Disaster Risk Reduction – Preparedness

- Work closely with emergency response teams
- Train for pre-planning, response and recovery needs of heritage resources as well.



Disaster Risk Reduction – Preparedness

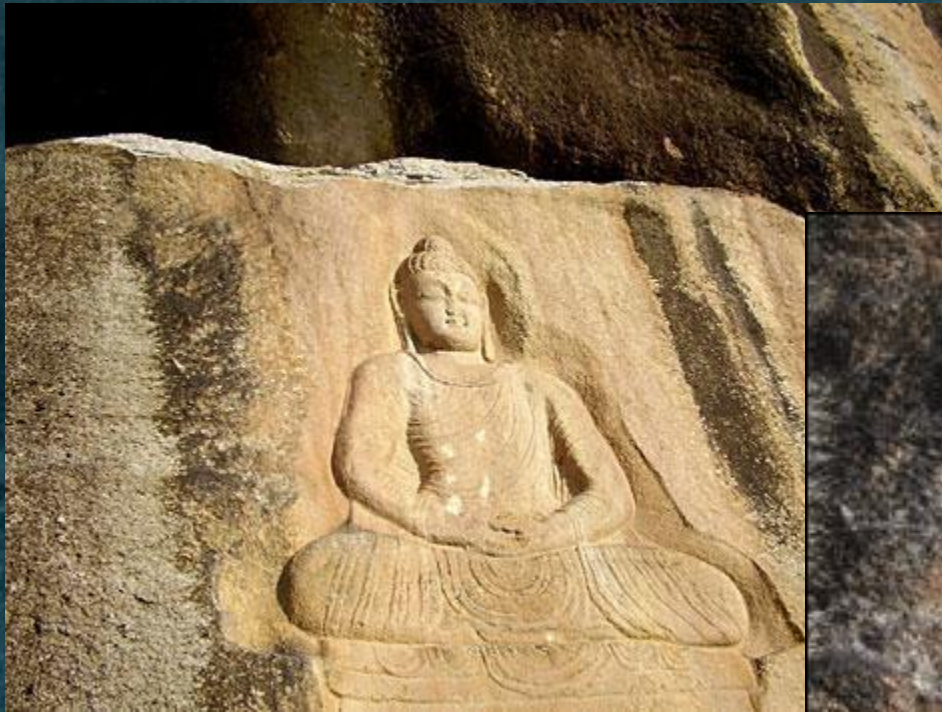
- Develop post-disaster demolition permitting process incorporating conservation professionals
- Require appropriate damage assessment by heritage experts prior to demolition.

Disaster Risk Reduction – Preparedness

- Identify and integrate local, regional and international experts and associations (ie ICOMOS) that are developing standards and guidelines.
- Identify sources of international aid money for rebuilding.

Disaster Risk Reduction – Preparedness

- Special security measures for heritage at risk



Swat Valley, Pakistan
Vandalism by Extremists
September, 2007

Source – The Telegraph

Disaster Response

Disaster Risk Reduction- Response

- Implement above plans.
- Include qualified conservation professionals at the emergency command center(s).
- Undertake assessments by qualified experts.
- Train international help in terms of local methodologies, tools, resources, etc.

Disaster Recovery

Disaster Risk Reduction- Recovery

- Implement the above plans.
- Avoid using heritage for adverse uses- staging areas, debris storage/removal areas.
- Involve qualified conservation professionals in post-disaster recovery activities.

Disaster Risk Reduction- Recovery

- Use risk-informed approach for future disasters and local knowledge/traditions in rebuilding.



INTERNATIONAL SCIENTIFIC COMMITTEE ON RISK PREPAREDNESS



Role of ICOMOS-ICORP towards
Reducing Disaster Risks
to Cultural Heritage

What is ICOMOS/ICORP??

- ICORP is one of the International Scientific Committees of ICOMOS (International Council on Monuments and Sites)
- Focusing on Risk Preparedness of Cultural Heritage
- The committee consists of:
 - more than 40 professionals
 - from 25 countries
 - expertise in various aspects of disaster mitigation, response and recovery of cultural heritage.

What does ICOMOS-ICORP do?

- ICOMOS-ICORP promotes protection of cultural heritage places from the effects of disasters and armed conflict.
- ICORP does this through activities related to
 - collaborating with international, national and non-governmental organisations
 - furthering knowledge
 - identifies, undertakes and reviews scientific research
 - building capacity to reduce cultural heritage losses
 - disseminating best practices
 - delivering training

Ongoing Activities....

- ICOMOS-ICORP Manual on '*Preventing Fire During Rehabilitation*'
- Guidelines on Disaster Planning for World Heritage Sites
- *Toolkit for Damage Assessment of Cultural Properties*
- International Training Course on Disaster Risk Management of Cultural Heritage Ritsumeikan University, Kyoto



Ongoing Activities....

- Collaboration with International Organizations in Cultural Heritage:
 - International and National Committees of Blue Shield for emergency response
 - ICCROM for Training and Capacity Building

ONGOING ACTIVITIES....

**Sharing Experience and Expertise:
The Possibilities of Professional Heritage Aid in
Crisis Areas**



Helsinki, Finland, 2011

Thank you



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