Need for a Course on HIA

- Development projects are creating potential threats to heritage sites in general
  - Larger and more extensive development proposals
  - Expanding definitions of heritage
- Development projects are creating more potential threats to World Heritage properties
Major Problems Facing World Heritage Properties (source: SoC reports)

- Development and infrastructure: 123
- Other human activities: 56
- Management and legal issues: 102
- Natural events and disasters: 31
- Other factors: 19
Mtsketa, Georgia
Tower of London and the London Skyline, UK
Context for the Course

• Within the framework of the World Heritage Capacity Building Programme
  – Developed with IUCN and with support of the Government of Switzerland
  – Calls for courses on linking management of cultural and natural heritage
  – Development and translation of key resources
  – Improved networking of capacity building actors
  – **Calls for short workshops on key conservation issues facing World Heritage properties**
Context for the Course

- Organized within the framework of the MoU with State Administration of Cultural Heritage, People’s Republic of China

- Implemented within a long-standing partnership with the World Heritage Institute for Training in Asia – Pacific region which covers all the costs of the course.
Course on Heritage Impact Assessments

- Date: Oct. 13-24 2014
- Place: Dujiangyan, China
- 2nd course with WHITR-AP on this topic
- 13 participants – Cambodia, China, Japan, Lithuania, Mexico, New Zealand, Pakistan, Philippines, Singapore, Zambia
- 12 resource persons: ICCROM, WHITR-AP, Canada, China, Pakistan (IUCN), USA
Some of the Course Units and Themes

- Understanding values as the basis for the HIA process
- Global overview of HIA (EIA and SEA)
- HIA Key elements: Vocabulary, legal aspects, procedural issues
- ICOMOS guidance and its applications
- Impact assessment approaches and methodology: a methodology; common steps (impacts on values & society)
- Mitigation measures other propositions, monitoring and follow up
Group Work

Development of a hotel, shops, and underground parking in the historic area of Dujiangyan

- Overview of the Dujiangyan case study site
- Meeting with representatives (Relevant stakeholders, including citizens, officials and business man etc.)
- Group work
- Final presentations
## Group Work Results: Threats

<table>
<thead>
<tr>
<th>Work</th>
<th>Source</th>
<th>Threat</th>
<th>Attribute affected</th>
<th>Contribution to significance</th>
<th>Type of impact</th>
<th>Duration of impact</th>
<th>Spatial extent of impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1. Community consultation (not enough)</td>
<td>Insufficient consideration towards the meaning and attributes of the place</td>
<td>Planning design lacking a historical approach</td>
<td>Intangible value (history/ memory of people)</td>
<td>Very high</td>
<td>Direct</td>
<td>Permanent</td>
<td>Total</td>
</tr>
<tr>
<td>1.2. Exploration of the site + Site formation</td>
<td>Lack of information from the characteristics of the plot</td>
<td>No archaeological survey been proposed</td>
<td>Archaeology-history (tangible and intangible)</td>
<td>Very high</td>
<td>Direct</td>
<td>Permanent</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td>Distortion of the harmony between existing buildings and new ones</td>
<td></td>
<td>Harmony between existing buildings and new ones</td>
<td>High</td>
<td>Direct</td>
<td>Permanent</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td>Caring capacity not been conducted</td>
<td>Mountain and Irrigation System will be overloaded</td>
<td>Mountain and Irrigation System (tourist caring capacity)</td>
<td>Very high</td>
<td>Direct</td>
<td>Permanent</td>
<td>Total</td>
</tr>
</tbody>
</table>
## Group Work Results: Severity

<table>
<thead>
<tr>
<th>Neutral</th>
<th>Minimal</th>
<th>Moderate</th>
<th>Large</th>
<th>Very large</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Very high</strong></td>
<td></td>
<td></td>
<td></td>
<td>• Intangible value (memory of the people not considered)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Archaeology-history (remnants not considered)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Mountain and Irrigation System (carrying capacity not calculated)</td>
</tr>
<tr>
<td><strong>High</strong></td>
<td>Harmony between existing buildings and new ones</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Group Work Results: Mitigation

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Mountain (view)</th>
<th>Existing buildings</th>
<th>Trees</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Threat</strong></td>
<td>The view (panorama, vistas) of the mountain will be obstruded when construction takes places</td>
<td>Excavation and construction causing vibration and noise</td>
<td>Roots disturbed during construction</td>
</tr>
<tr>
<td><strong>Mitigation strategy</strong></td>
<td>During planning stage restrain construction limited to two floors (14mts.), low density construction, and</td>
<td>Limited periods for working time, consider proper construction</td>
<td>Acceptable layout considered (proper spacing and)</td>
</tr>
</tbody>
</table>
Group Work Results: Conclusions

Stage: 1. Planning:

1. Further community consultation in order to save the meaning and attributes of the place.

2. Conduction of the archaeological survey in order to collect the necessary information from the characteristics of the plot;

3. Preparation of the proper Tourist Management Plan assuring suitable caring capacity in a sense of the Mountain and Irrigation System.
What’s Next: Guidance

- ICCROM working with WHITR-AP to create a manual for HIA based on the course material.
- ICOMOS is reviewing its guidance for World Heritage properties.
- A group of European universities from Germany, Austria, and the Netherlands working on a project for guidance.
- Need to link HIA back with the larger EIA process (which is well established) as part of integrating cultural and natural heritage management.
What’s Next: Capacity Building

- Course planned for 2016 with WHITR-AP
- Desire to carry out additional courses in other regions of the world, given the demonstrated need in relation to World Heritage properties
  - Host necessary
  - Resources necessary
Thank you
Merci