RecorDIM Task Group 10

Technique of Monitoring for Sustaining Management of Archaeological Sites

(Examples mainly of Western Anatolia)
Monitoring?

- Repeated observation
- in pre-defined time intervals
- for future change detection
- as basis for controlling,
- analysis and
- management decisions.
Historical Research vs. Sustaining Conservation Management

Past oriented

Future oriented
Kinds of Monuments

- Location: Above ground, underground, underwater
- Size: region, site, single monument
- Material: Wood, stone, earthen
- Value: Valuable, simple
- Importance: by any reason, unimportant
- Risks: High, low
- Environment: Respect, beauty, contrast,
- Use: Unused, unusable, inhabited
Threats and Risks

1. Man: Negligence, ignorance, vandalism; poverty, richness; politics, religion; speculation
2. Man-made catastrophes: War, revolution, …
3. Climate & time: Frost, sun, water, air, …
4. Disasters: Earthquake, inundation, fire, …
5. Tourism: Theft, dirt, paint, misuse …
6. Mistakes: Wrong treatment, …
7. Regional Development: Roads, housing, …
8. Vegetation: Roots, …
9. Animals and their excrements,
10. Many more …
**Means of Observation**

- Read and check (not for measures)
- Looking by free eye (no document !)
- Photography (analogue, digital ?)
- Surveying (everything again ?)
- Photogrammetry (total repeat?)
- Laser Scanning (comparable?)
- Satellite Remote Sensing (..“..)
- Thermo Sensing (conditions?)
- Other physical measurements (..?)
Events on Site

- Prospection
- Excavation
- Recording and Documentation
- Research and analyses
- Preservation and Anastyloses
- Controlling (objects, people)
- Safeguarding
- Touristic visiting
- Public events: feasts, theatre, …
- Cleaning, service, craftsmen
- Administration and Management
Heritage Information and Management System (HIMS)
Guidelines

- Top-down
- Bottom up
Whose Profit?

+ Science: archaeology, history
+ Site management
+ Conservation industry

+ Owners, tourism, economy
+ Community, region, country

+ Population, social welfare,
+ Future generations
Status of Work

- ICOMOS Turkey: OK, helps with surveys
- Turkish Ministry: Recognition received 2005
- Decision on chairpersons 2006
- Decision on partners and associates 2005/06
- Application for EU project finished 2006
- Symposium Canakkale 2006 (28.5.-4.6.)
- Kick-off meeting end of 2006
22 TG10 Partner’s Sites

- TG-WH-Site
- TG-NatH-Site
EU Project Partners

**Austria:**
- **U.T.Vienna:** PRS, Carto, Build.Survey, Preservation
- **BDA Vienna:** all Austrian monuments & archaeol.sites
- **AAI Vienna:** Ephesos; Carnuntum et al.; Egypt, Italy, Greece

**Belgium:**
- **CU.Leuven:** Sagalassos,

**Germany:**
- **GAI-Istanbul:** Pergamon, Milet et al.
- **U.Tuebingen:** German Troy Project
- **U.Frankfurt:** Priene

**Italy:**
- **U.Lecce:** Hierapolis - Pamukkale

**Turkey:**
- **U.Ankara:** Magnesia/Maeander
- **ITU Istanbul:** PRS

**Denmark:**
- **U.Odense:** Halikarnassos

**Sweden:**
- **U.Uppsala:** Labraunda

**Greece:**
- **A.U.Thessaloniki:** PRS and CIPA
Summary

• Framework idea: UNESCO Cultural Region
• Core project: Monitoring and management
• Object: Archaeol. sites (Western Anatolia)
• Group: Networks of nat. & intern. experts
• Money: From EU & site management
• Time table: 2006 - 2009
• Results: Guidebook and web-examples
Teamwork of experts

It is closing time

Thank you very much