

RecorDIM Task Group 10

Technique of Monitoring for Sustaining Management of Archaeological Sites

(Examples mainly of Western
Anatolia)

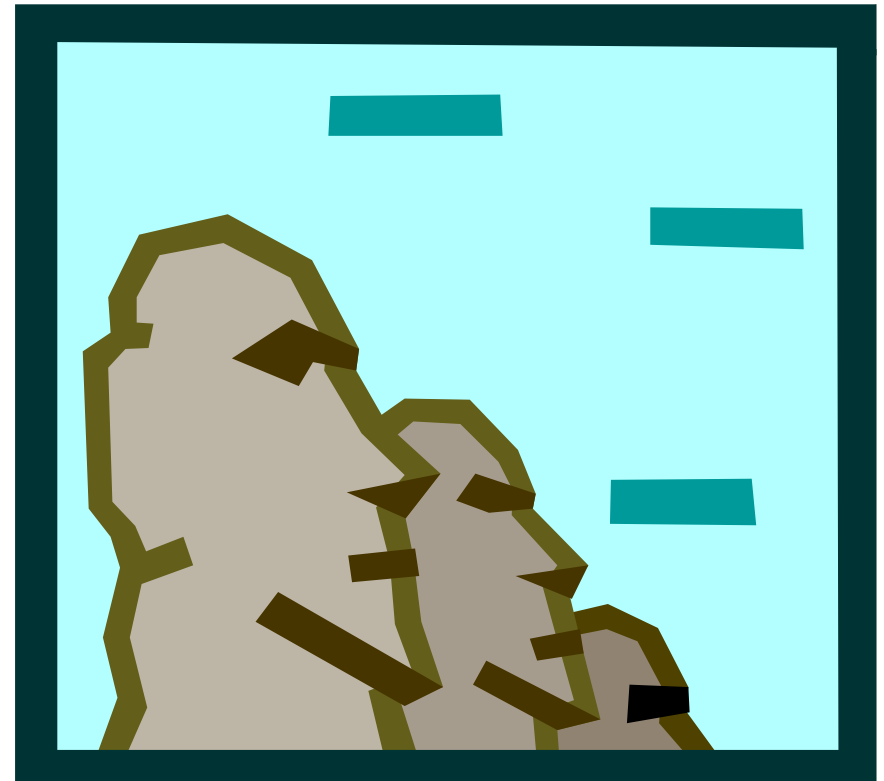
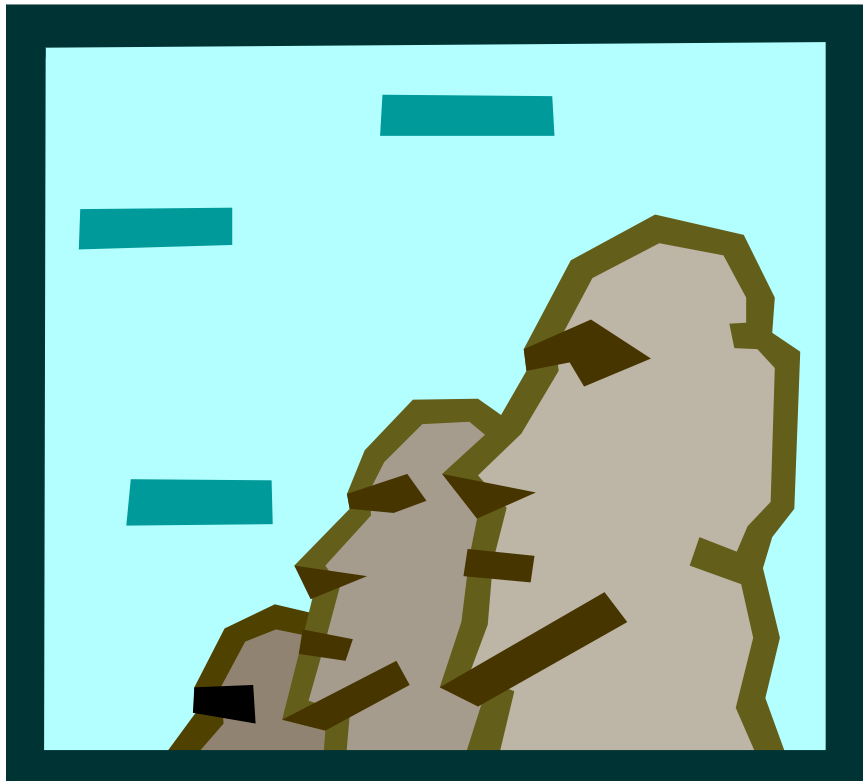
Monitoring ?

- 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

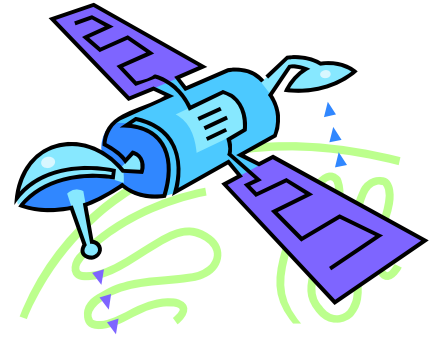
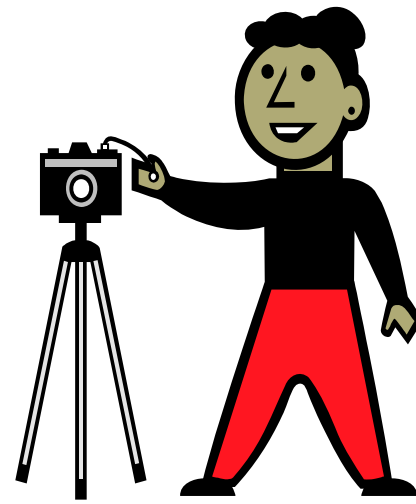
Threats and Risks

1. Man: Negligence, ignorance, vandalism; poverty, richness; politics, religion; speculation
2. Man-made catastrophes: War, revolution, ...
3. Climate & time: Frost, sun, water, air, ...
4. Desasters: 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 ...



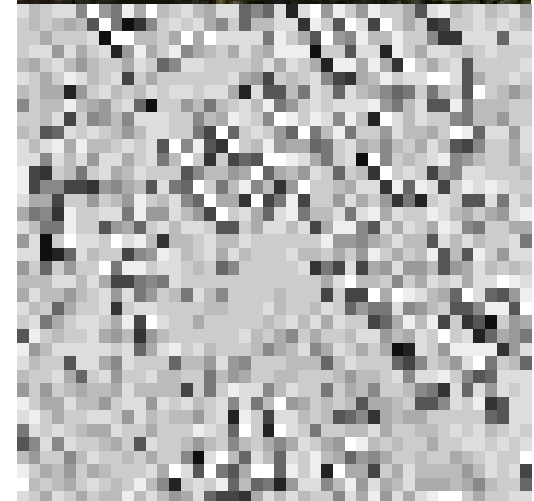
Methods of Observation

- 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)

Parschlug

Projekt rmGDB-Abfrage Fenster Ausdrucke Datenbank-Abfragen rmINFO/WEB Links Einstellungen ?

Grundstücksinformation zu Grundstück: 60005#381/1

Grundstücksnummer: 381/1 Katastralgemeinde: 60005

Einlagezahl: 500

EMZ:

VHW: 1/1991

Status: verbüchert

Benützungsabschnitte Grunds

Benützungsart / Nutzungen

Sonstige Gasse

Grundstücke / Eigentümer Rechte / Lasten

Gutsbestandsblatt (A1 - Blatt)

KG	GstNr	GK	Abschnitt
60005	381/1		Sonstige Gasse
60005	383/10		Sonstige Gasse
			Gesamtfläche

Eigentümer

EZ	Anteil	Nachname	Vorname
50000	1/1	Öffentliches Gut (Straßen und Wege)	

Informationen zur EZ: 50000 im GB: 60005

Einlagezahl: 50000 Grundbuchnummer: 60005

Katastralgemeinde: 60005 Deuchendorf

Status: ☐ Einlagezahl aktuell

Informationen zu Eigentümer Öffentliches Gut (Straßen und Wege)

Nachname: Öffentliches Gut (Straßen und Wege) Akad. Titel:

Vorname: Mädchenname:

Vulgo-Name: Geb.Datum: 00.00.0000 ☒ Ak

Einlagezahl: 50000 Grundbuchnummer: 60005 ☐ Ve

Anteile: 1 / 1 Status: verbüchert

GDB-Adresse Post-Adresse

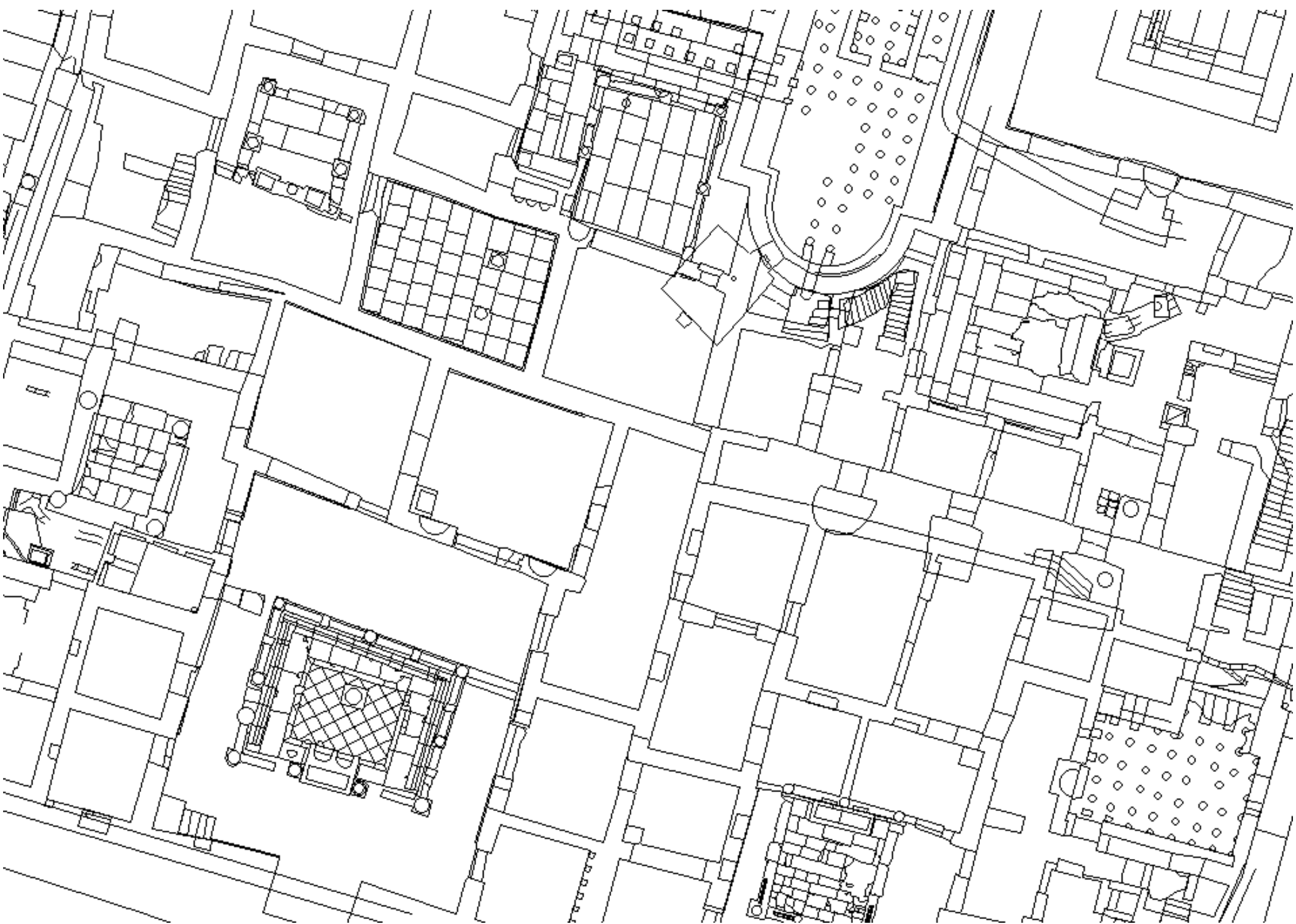
Anschrift: Gemeindeamt Kapfenberg







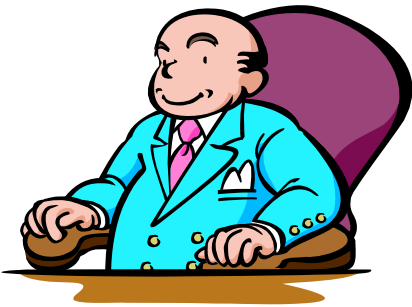




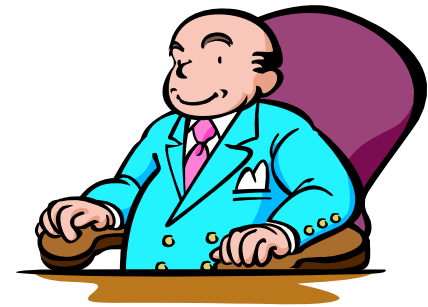


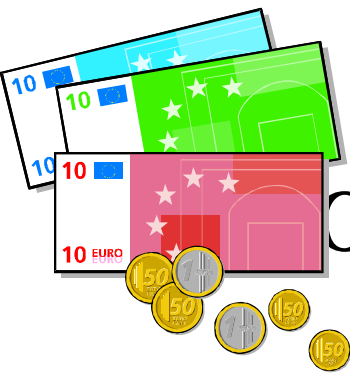
Guidelines

- Top-down



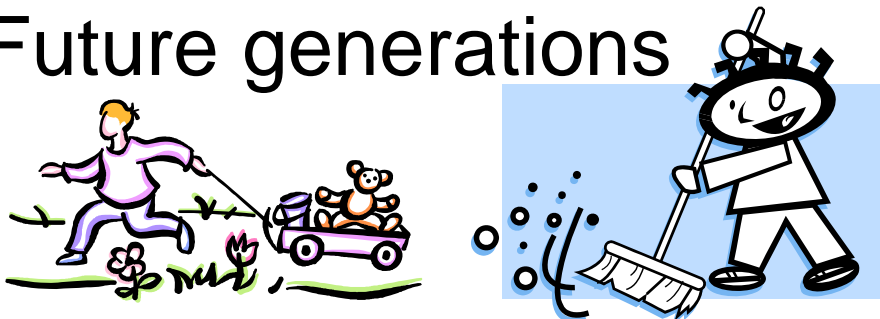
- Bottom up





ose Profit ?

- + Science: archaeology, history
- + Site management
- + Conservation industry
- + Owners, tourism, economy
- + Community, region, country
- + Population, social welfare,
- + Future generations



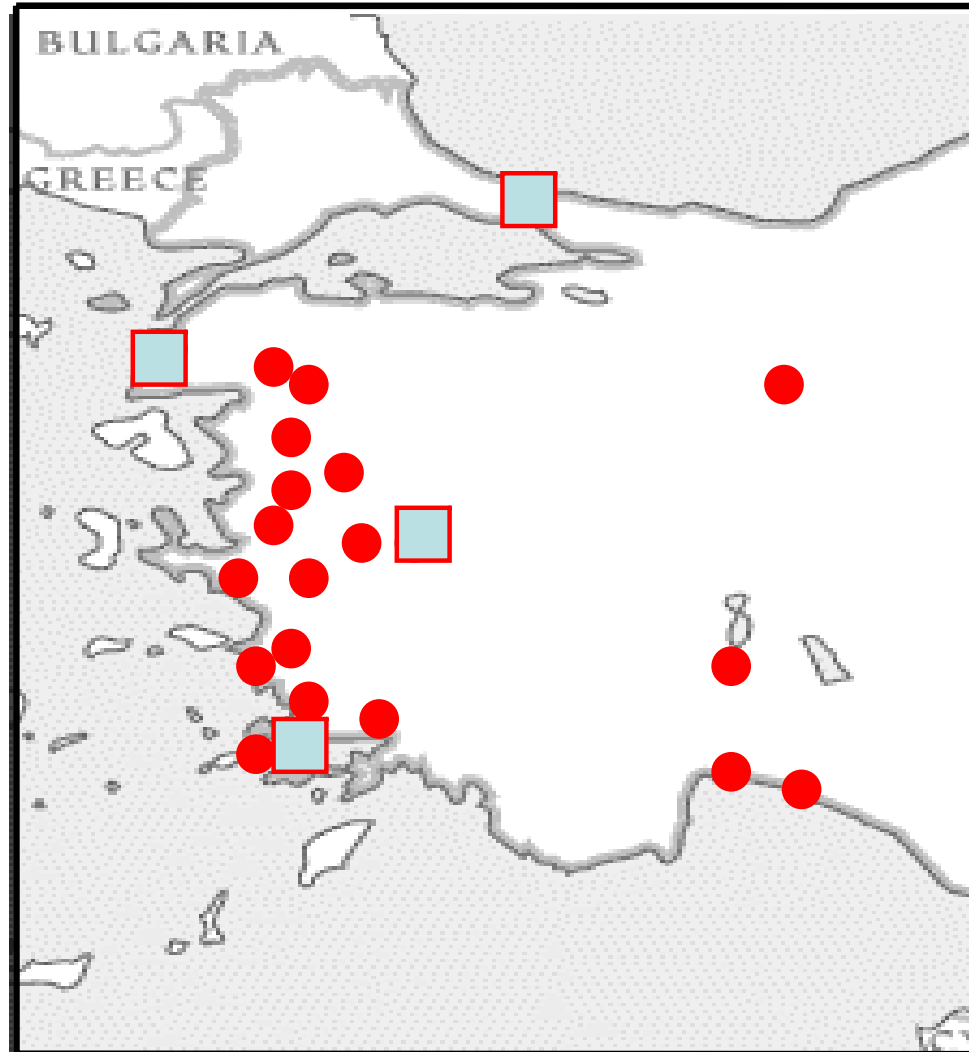
Status of Work

- 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

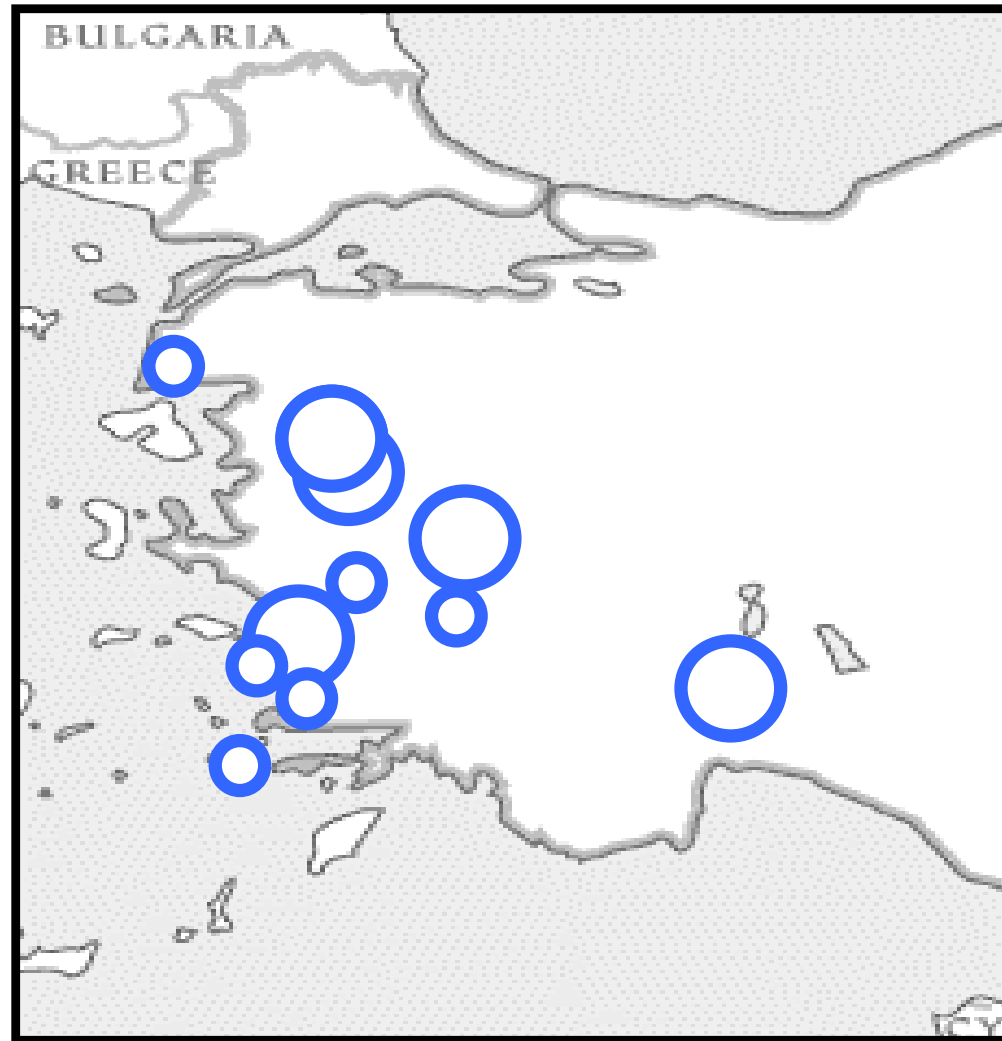
● ...TG-NatH-Site



EU-Partner Sites

○ Main Partner

○ Assoc.Partner



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

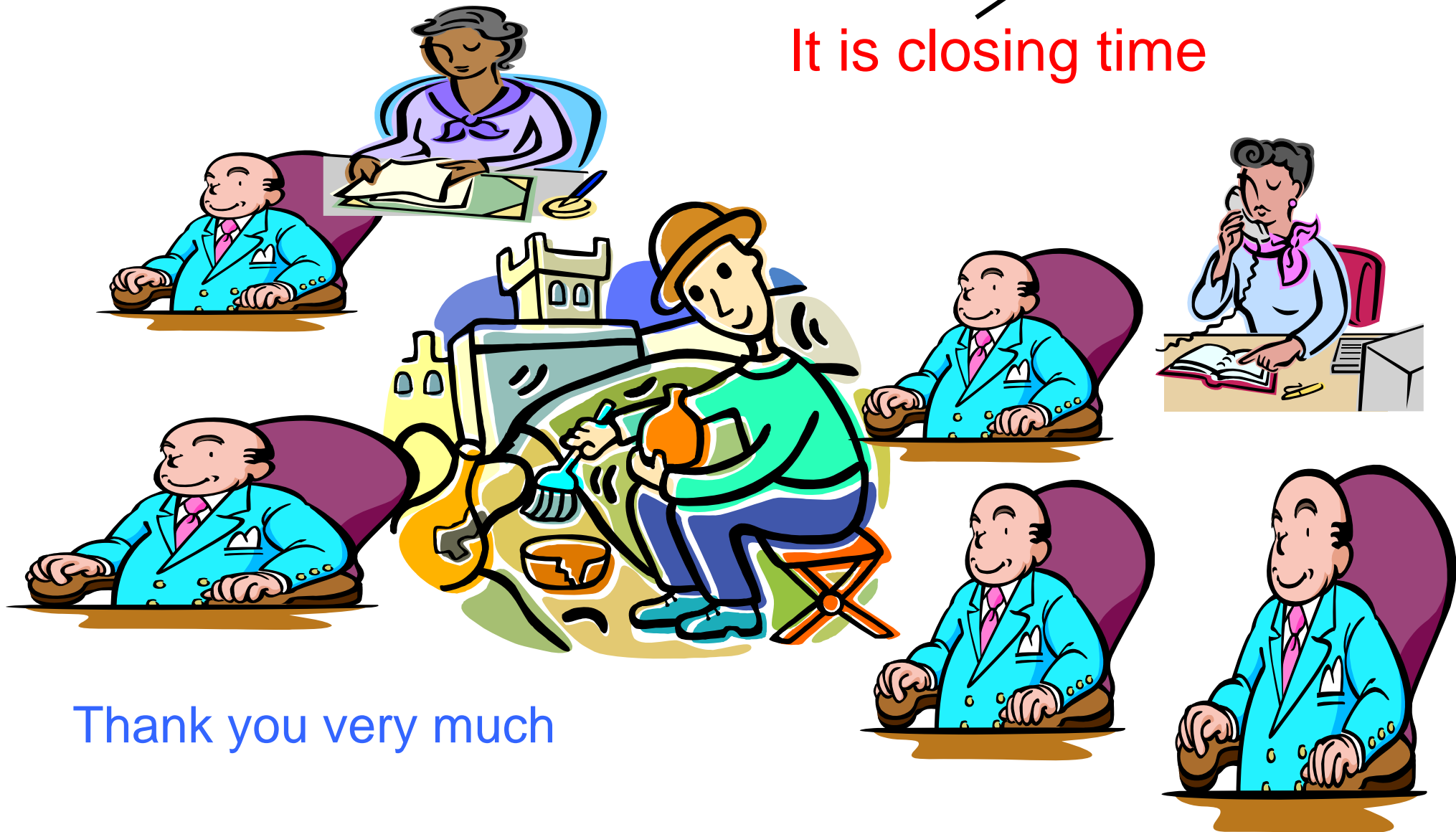
Summary

- 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