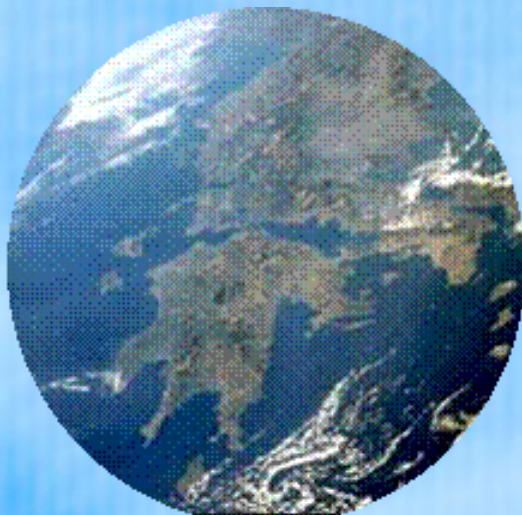




Ionian University
Department of Archives and Library Science
Laboratory on Digital Libraries and Electronic Publishing

Geographical Collections in Greek Academic Libraries: current situation and perspectives

Ifigenia Vardakosta
Sarantos Kapidakis
{ifigenia,sarantos}@ionio.gr



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Session Overview

- Geospatial Data and GCDPs
- Previous researches
- Objectives of the study
- Methodology
- Findings
- Discussion
- Suggestions



Geospatial Data

Digital geospatial data : *digital items that are georeferenced or are geographically identified.*

These are primarily composed of :

- Digital maps,
- Remotely sensed images (e.g. aerial photographs, data collected by satellite sensors),
- Datasets (e.g. shapefiles, layers, geodatabases etc)
- Atlases
- Globes (celestial and terrestrial)
- Aerial views (e.g. panoramas)
- Block diagrams
- Geologic sections
- Topographic profiles, etc



Geospatial Collections Development Policies (GCDPs)

«Geospatial data collection development policies (GCDPs) differ from traditional paper-map policies»

(Erwin & Sweetkind-Singer, 2010)

- there is no uniform data model,
- geospatial data vary widely in the amount of information they show,
- these data are being stored in relational geodatabases requiring sophisticated storage and archiving schemes,
- geospatial imagery datasets are often quite large and metadata may be voluminous as well,
- geospatial data may be produced over time,
- are subject to versioning because of updated information being made available or to correct past errors in the data

(Janeé, 2009)



Previous researches in GIS in Libraries

- ✓ 1999 (ARL) ▶ **53/64** libraries were using GIS services
- ✓ 2005 (Kinikin and Hensch) ▶ **22/138**
- ✓ 2005a (Kinikin and Hensch) ▶ **11/21**
- ✓ 2006 (Gabbaldon and Reppinger) ▶ **31/103**
- ✓ 2009 (Good) ▶ **90%** of Universities
- ✓ 2011a (Vardakosta and Kapidakis) ▶ **95/133**
- ✓ 2011b (Vardakosta and Kapidakis) ▶ **48/160**



Objectives of the study

- 1) How many Greek academic libraries provide geographic collections?
- 2) What kind of services do they offer to their users?
- 3) Do they have collection development policies related to geospatial collections?
- 4) Do they sustain an institutional repository?



Methodology (1/2)

38 Academic Institutions according the ministry's list investigated:

- ✓ 23 Universities
- ✓ 15 Technological Educational Institutions (TEI)



locate

Those ones that operates departments such Geography, Geology, Topography etc.



research

if they hold geographical collections



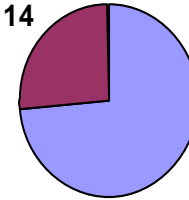
Methodology (2/2)

14/38

Greek Academic Institutions operate departments such as Geography, Geology, Topography, etc.

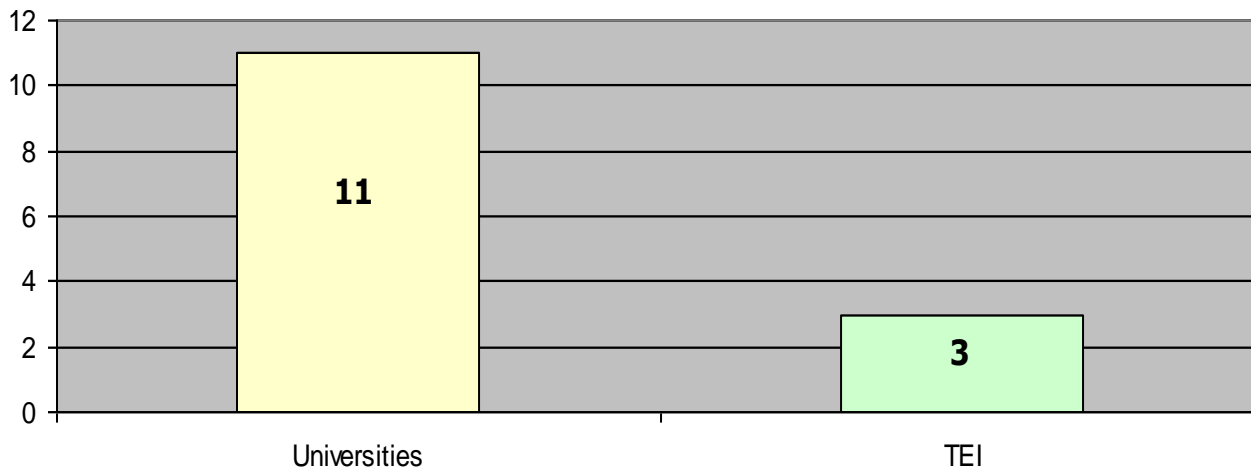
Greek Higher Education (Univ.& TEI)

Academ.Inst.with affiliated stud.; 14



Academic Institutions; 38

Institutions operating affiliated studies



11/14 Universities
3/14 TEI

Results of the study

1) How many Greek academic libraries provide geographic collections?

2/14 offer geospatial data and digital maps

Agricultural University of Athens

- Application Forms
- Submit theses
- Alert for delayed returns
- F.A.Q.
- Useful links
- Library location

 **DSPACE**
Digital Library & Institutional Repository

 **HEAL LINK**
HEAL-Link Portal

There are no translations available.

Ψηφιακοί χάρτες

Πληροφορίες για το είδος και το περιεχόμενο των ψηφιακών δεδομένων μπορείτε να βρείτε στο αρχείο [index_geospatial_db.ppt](#) που βρίσκεται στην προαναφερμένη διεύθυνση. Τα δεδομένα αποτελούνται από διανυσματικά (Vector) και ψηφιδωτά (Raster) αρχεία και αναλύονται παρακάτω.

★ Vector


★ Raster

Για περισσότερες πληροφορίες, μπορείτε να απευθύνεστε στο γραφείο εφαρμογών πληροφορικής και τεχνικής υποστήριξης

Στοιχεία επικοινωνίας:
Μανώλης Κατήγεωργιάνδης
Τηλ.: 210-5294288
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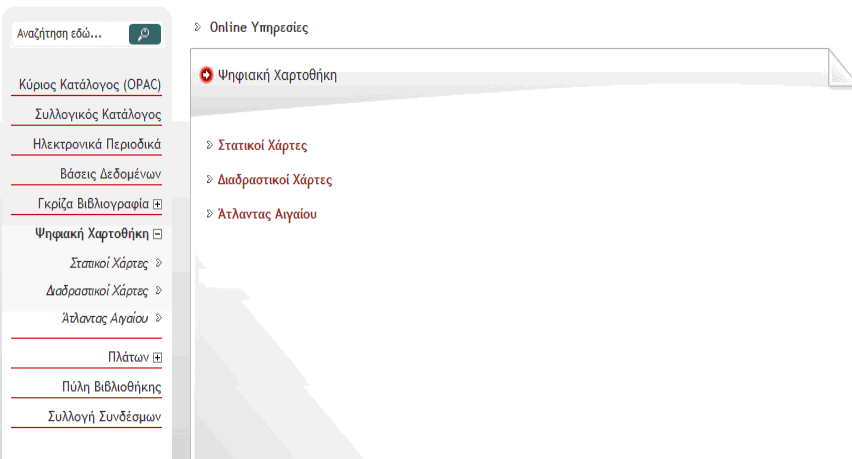
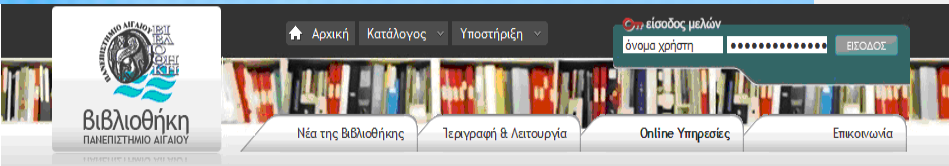
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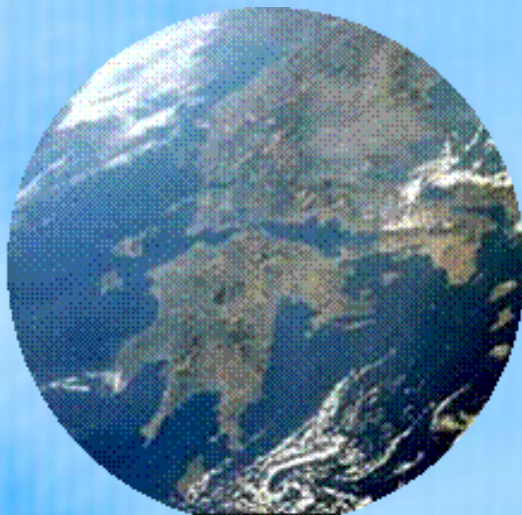
3 Oct.

2) services 3) collection development policies 4) repositories



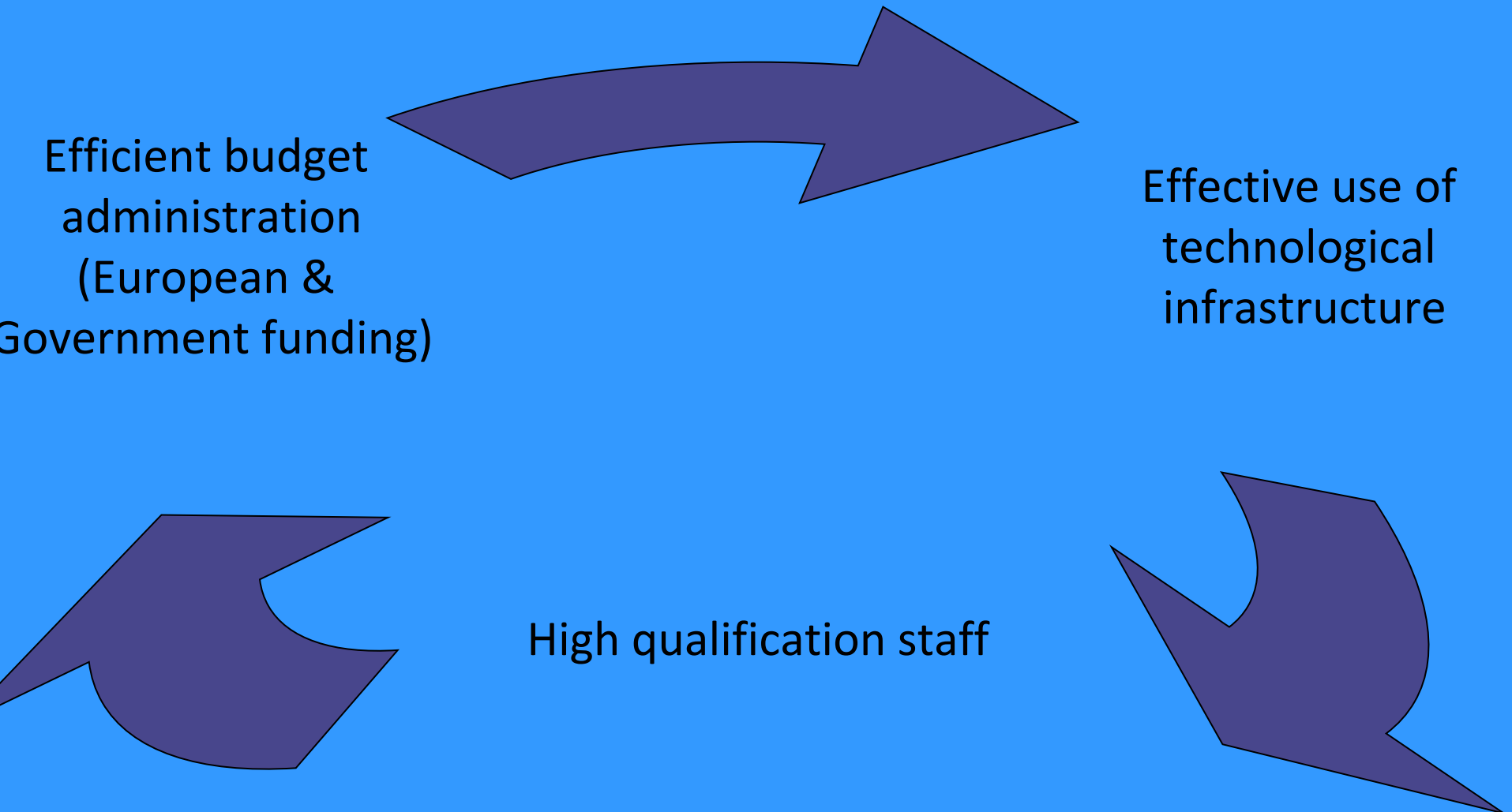
Findings of the study

- Greek academic libraries are not familiar with geospatial collections.
- Geospatial collections development policies are not in use of those academic libraries that have developed geospatial collections and services.
- Institutional Repositories have been developed in Greek academic libraries.



Discussion

The rapid development of Greek academic libraries the last decade is related to:



The absence of geospatial collections in Greek academic libraries



What about public data?

3882/2010 (Official Journal of the Hellenic Republic 166/A'/22.9.2010): Law for the creation of a National Geospatial Information Infrastructure by the Greek Parliament.

The specific law has to deal with two necessities of Greece:

- a) the establishment of harmonized practices and rules for collection, production, supply, management and disposal of geospatial data
- b) the requirement of conformity with INSPIRE that place a frame of technical specifications of interoperability in order to be effective the automated disposal of geospatial data regarding environment (e.g. Natura 2000 areas) among European and National administrative.



Suggestions

- ✓ Participation in projects had provided a great step to experiment and engage in GIS activities and broaden awareness of the potential use of this tool to provide access and support digital data resources.
- ✓ Partnerships among academic libraries and additional contacts with organizations engaged or interested in GIS.
- ✓ Take advantage of the existence repositories.



Thank you!!!

{Ifigenia, sarantos} @ionio.gr

