



GMES Operational Capacity Workshop 25 March 2010 - 26 March 2010, Sofia, Bulgaria

Sofia University, Faculty of Geology and Geography, Asoc.Prof. d-r Anton Filipov : fil@gea.uni-sofia.bg

Building Human Resources Capacity in GMES



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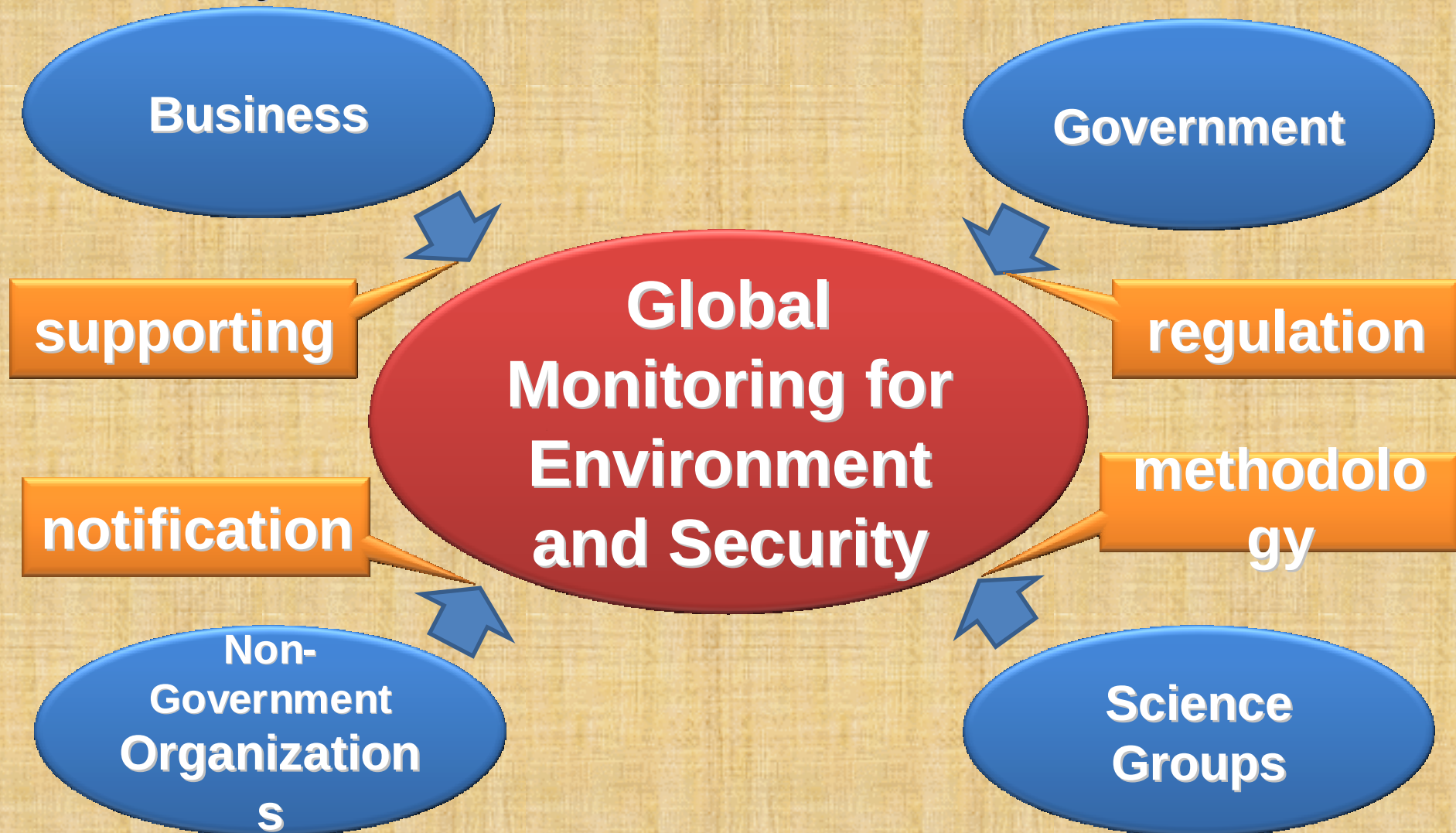
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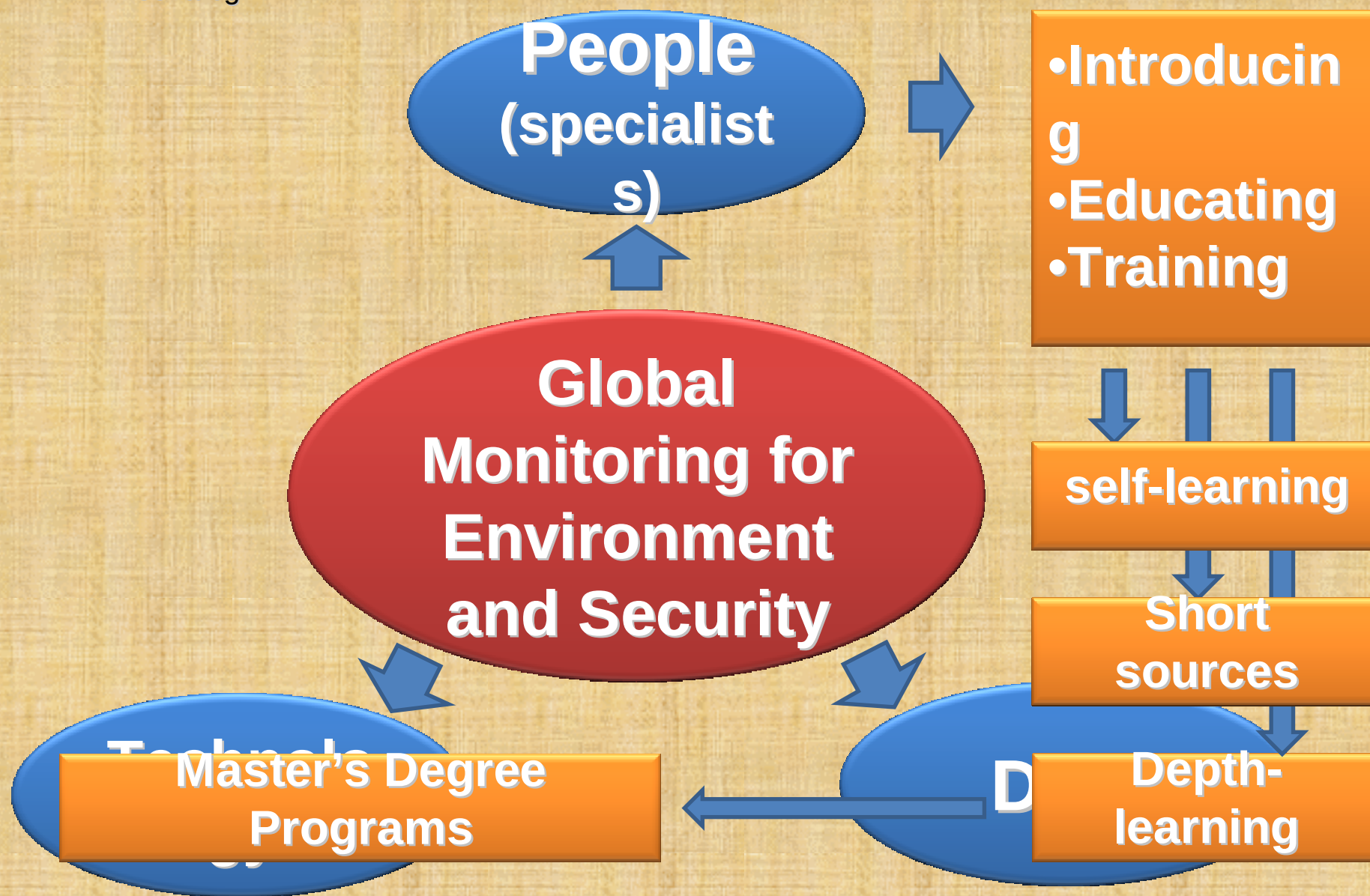
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SOFIA UNIVERSITY "St. Kl.Ohridski"

(since 1888)

www.gea.uni-sofia.bg FACULTY OF GEOLOGY AND

GEOGRAPHY

(since 1963)

Department of CARTOGRAPHY AND
GEOGRAPHICAL INFORMATION
SYSTEMS

(since 2001)

Master's Degree program:

GEOGRAPHICAL INFORMATION SYSTEMS AND
CARTOGRAPHY

(since 2002)

www.gis.gea.uni-sofia.bg



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Master's Degree program:

GEOGRAPHICAL INFORMATION SYSTEMS AND CARTOGRAPHY

The main specializations are:

Cartography

**Geographical
Information
Systems**

**Remote
Sensing**

***The level I:* FUNDAMENTALS**

***The level II:* SPECIALIZATIONS**

***The level III:* DEVELOPMENT OF MASTER'S
THESIS**



The level I:

FUNDAMENTALS (first semester :15
weeks)

**CARTOGRA
PHY**

**THEORETICAL
CARTOGRAPHY**

TOPOGRAPHY

**GEOGRAPHIC
AL
INFORMATION
SYSTEMS**

**FUNDAMENTALS OF
GIS**

GEOINFORMATICS

**REMOTE
SENSING**

**SATELLITE SYSTEMS
AND SATELLITE
INFORMATION**

**FUNDAMENTALS OF
GEODESY AND
PHOTOGRAMETRY**



The level II: **SPECIALIZATIONS** (second semester :15 weeks)

CARTOGRAPHY

Map Design

**Cartographical base of
Cadastral**

Spatial Modeling

GEOGRAPHICAL INFORMATION SYSTEMS

**Applying GIS in the
Social**

**Applying GIS in the
Wild**

Mobile GIS and GPS

REMOTE SENSING

**Analysis and
application of satellite
information**

Aerophotointerpretations



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***The level III:* Development of master's thesis (tirth semester :15 weeks)**





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THANK YOU !