



2012 Fact Sheet

Faculty of Geographical and Geological Sciences

1. FACULTY AUTHORITIES:

Prof. UAM Leszek Kasprzak, Dean, l.kasp@amu.edu.pl

Prof. Andrzej Macias, Deputy Dean for Student Affairs, macias@amu.edu.pl

Dr hab. Jacek Michniewicz, Deputy Dean for Education and International Relations, jacekm@amu.edu.pl

Dr Anna Tobolska, Deputy Dean for Extra-Mural Studies, juli@amu.edu.pl

2. MISSION:

The Faculty of Geographical and Geological Sciences is closely connected with the tradition and history of Adam Mickiewicz University. The Faculty authorities especially cherish the memory of its most prominent academics and their achievements. While we do not forget the past, we also think of the future. It is a matter of deep concern for us to make our educational offer and research meet the requirements of European and world standards. That is why one of the Faculty's priorities is the development of strong international cooperation in the fields of education and research.

3. INSTITUTES AND DEPARTMENTS:

INSTITUTE OF GEOECOLOGY AND GEOINFORMATION

Head: Prof. UAM Grzegorz Rachlewicz
Phone: +48-61 829 6183
e-mail: grzera@amu.edu.pl
<http://geoinfo.amu.edu.pl/igig/en/>

INSTITUTE OF PHYSICAL GEOGRAPHY AND ENVIRONMENTAL PLANNING

Head: Prof. Janusz Adam Choiński
Phone: +48-61 829 6260
e-mail: choinski@amu.edu.pl
http://geoinfo.amu.edu.pl/wngig/igfiksp/default_eng.htm

INSTITUTE OF SOCIO-ECONOMIC GEOGRAPHY AND SPATIAL MANAGEMENT

Head: Prof. Tadeusz Stryjakiewicz
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http://www.igsegp.amu.edu.pl/engilsh_start.html

INSTITUTE OF GEOLOGY

Head: Prof. Józef Górski
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DEPARTMENT OF TOURISM AND RECREATION

Head: Prof. UAM Zygmunt Młynarczyk
Phone: +48-61 829 62 18
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http://turystyka.amu.edu.pl/?ps=badania_naukowe

4. STATISTICS:

Students (as at 06.06.2012)

Geography - 292

Geography - major field of study: Geoinformation - 252

Geography - major field of study: Hydrology, Meteorology and Climatology - 162

Geography - major field of study: Forming of Natural Environment - 257

Geography - major field of study: Socio-Economic Geography - 24

Geography - major field of study: Geoecology - 41

Spatial Management - 524

Spatial Management - major field of study: Regional Development - 21

Spatial Management - major field of study: Spatial Planning - 107

Spatial Management - major field of study: Development and Renewal of Cities, Towns and Rural Areas - 39

Spatial Management - major field of study: Revitalization of Cities and Degraded Areas - 80

Geology - 204

Geology - major field of study: Mineral and Water Resources Management - 24

Geology - major field of study: Stratigraphic and Prospecting Geology - 27

Geology - major field of study: Hydrogeology and Engineering Geology - 24

Tourism and Recreation, major field of study: International Tourism - 228

Tourism and Recreation - 728

PhD students - 71

Academic staff:

Full professors (ordinarius): 27

Professors and tenured doctors (doctor habilitatus): 33

Doctors: 122

MA lecturers: 5

5. PROGRAMS:

BA Full Time Study Programs:

Geography

Geography - major field of study: Geoinformation

Geography - major field of study: Hydrology, Meteorology and Climatology

Geography - major field of study: Forming of Natural Environment

Geoinformation

Water Management

Spatial Management

Geology

Geology - major field of study: Mineral and Water Resources Management

Tourism and Recreation

MA Full Time Study Programs:

Geography - major field of study: Socio-Economic Geography

Geography - major field of study: Hydrology, Meteorology and Climatology

Geography - major field of study: Geoecology

Geography - major field of study: Forming of Natural Environment

Geography - major field of study: Geoinformation

Spatial Management - major field of study: Spatial Planning

Spatial Management - major field of study: Regional Development

Spatial Management - major field of study: Spatial Management

Spatial Management - major field of study: Development and Renewal of Cities, Towns and Rural Areas

Geology - major field of study: Stratigraphic and Prospecting Geology

Geology - major field of study: Mineral and Water Resources Management

Geology - major field of study: Hydrogeology and Engineering Geology

Tourism and Recreation

Tourism and Recreation - major field of study: International Tourism

BA Extramural Study Programs:

Spatial management

Geography

Tourism and recreation

MA Extramural Study Programs:

Geography - major field of study: Forming of Natural Environment
Geography - major field of study: Hydrology, Meteorology and Climatology
Geography - major field of study: Geographical Information Systems
Spatial Management - major field of study: Spatial Planning
Spatial Management - major field of study: Spatial Management
Spatial Management - major field of study: Revitalization of Cities and Degraded Areas
Tourism and Recreation
Tourism and Recreation - major field of study: International Tourism

PhD Study

Geography
Geology

6. MAJOR RESEARCH AREAS:

INSTITUTE OF GEOECOLOGY AND GEOINFORMATION

The staff of the Institute of Geoecology and Geoinformation of Adam Mickiewicz University (IG&G AMU) is an interdisciplinary team of researchers studying the evolution and dynamics of the geographical environment in the Quaternary. The scientific activity of the staff goes in two closely related directions: reconstruction, on the basis of deposits and landforms, of the state and transformations of the geographical environment in the Quaternary, and studies of the structure and dynamics of present-day geoecosystems as a basis for reconstruction of their past and forecast of their change.

The research conducted by teams of IG&G academics focuses traditionally on North-Western Poland, especially Wielkopolska, West Pomerania, and Lubuska Land. Apart from this, studies have been carried out for years in the polar and subpolar zones of the northern and southern hemispheres (Spitsbergen, the South Shetlands). They offer an insight into the mechanisms and dynamics of processes shaping Poland's environment during the Quaternary, especially glacial-interglacial cycles.

INSTITUTE OF PHYSICAL GEOGRAPHY AND ENVIRONMENTAL PLANNING

The tasks of the Institute of Physical Geography and Environmental Planning are carried out by the following departments:

Department of Cartography and Geomatics – cartographic research methods in environmental planning, topography with reference to geomatic, geovisualization and history of cartography.

Department of Climatology – issues of climatology with particular consideration of the relations between the atmospheric circulation and the values of meteorological elements and the occurrence of extreme phenomena.

Department of Hydrology and Water Management – changes in the water cycle caused by natural factors and the increasing human impact, the conditions of groundwater circulation, the effect of anthropopressure on lakes.

Department of Hydrometry – developing mathematical models of hydrological and hydrogeological processes, describing the migration of contaminants, measuring hydrogeological parameters based on column tests.

Department of Integrated Geography – the integrated approach to man-environment interactions with respect to environmental and landscape management.

Department of Soil Science and Remote Sensing of Soils – directional reflectance from soils and vegetation, digital processing of its images and hydraulic properties of soils.

INSTITUTE OF SOCIO-ECONOMIC GEOGRAPHY AND SPATIAL MANAGEMENT

Theory and methodology of geography and spatial management. Methods in spatial analysis, spatial modelling.

Changes in the socio-economic structure of Poland, Wielkopolska, and the Poznań metropolitan area.

Spatial consequences of the systemic transformation in Poland and other countries of Eastern and Central Europe.

Regional policy in Poland and the European Union: determinants, instruments, effects.

Sustainable regional and local development.

Building a knowledge-based economy in regions; regional innovation strategies.

Physical planning at a regional and local scale.

Territorial-administrative structures and their reform.

INSTITUTE OF GEOLOGY

Geological and hydrogeological consequences of floods in Poland.

Selected problems of world regional geology.

Geology and hydrogeology of salt domes.

Research on impact structures in Poland.

Morphology, ontogenesis and stratigraphy of the Rugosa (Anthozoa).

Anthropogenetic changes of the hydrogeologic environment and its preservation.

Lithogenesis, stratigraphy and paleokinematics of the Cenozoic formations of Wielkopolska.

Petroarcheology of the eastern Mediterranean, the Black Sea area and Poland.

DEPARTMENT OF TOURISM AND RECREATION

Stimulation of tourist development in the lower course of the Obra river basin.

Research regarding tourist movement.

Activity of local authorities in tourist management. Business tourism.

Social and economic conditions of tourism development in protected natural areas in Poland.

Tourism of deaf people and possibilities of its development by using multimedia system of tourist information.

Attempts at objective evaluation of tourist landscape by using sacadometry.

Influence of water ski cableway on selected elements of the environment and tourist-recreational activity on the basis of Augustów.

The causes of contemporary changes in the functioning of Lake Zbąszyńskie.

Estimation of the relative age of alluvial deposits using the method of chromium and lead concentration changes: the example of the Obra river valley.

Processes forming river beds.

The influence of anthropogenic activity on processes forming the lower course of the Obra River.

Faculty of Geographical and Geological Sciences:

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