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## EduGIS Academy

Project implemented by UNEP/GRID-Warsaw Center in cooperation with Mazowieckie Samorządowe Centrum Doskonalenia Nauczycieli in Warsaw and Gjøvik University College in Norway

*Do you want to learn how to use educational tools based on GIS and ICT on your lessons?*

*Are you interested in good practices and achievements of Norwegian teachers in implementation of GIS at school?*

The EduGIS Academy goal is to **foster cooperation** and to **promote use of Information and Communication Technologies (ICT) and geoinformation (GIS) among Polish and Norwegian secondary school teachers of science subjects (biology and geography) and for the purpose of environmental education.**

Specific objectives of the EduGIS Academy are as follows:

- spreading knowledge on using GIS technologies in teaching natural science subjects and environmental education through establishment and activities performed by the EduGIS Working Group;
- improving skills and qualifications of Polish teachers in the above fields through trainings and exchange of experiences with the Norwegian teachers, and by publishing of the "GIS at school" guidebook.
- enhancing cooperation of Polish and Norwegian schools through execution of projects involving GIS.

The project gathered group of teachers, methodical advisors, Ministry of National Education representatives, GIS experts from Poland and Norway. In April 2010 the EduGIS Working Group was established in order to foster implementation of GIS techniques in schools for the purpose of more effective teaching geography and biology. Main goal of the EduGIS Working Group activities are:

- using GIS tools in education, improve ICT skills and maintenance of GIS tools,
- adapting geography and biology curricula in the new, GIS context– promotion of a problem-based-lesson approach,
- developing set of scenarios adjusted to GIS-based lesson scheme and specific GIS-related requirements, trial implementation of selected scenarios with pupils,

UNEP/GRID-Warsaw Center, Branch of the National Foundation for Environmental Protection  
Sobieszyńska 8, 00-764 Warsaw, phone +48 22 8406664, fax +48 22 8516201, e-mail: [grid@gridw.pl](mailto:grid@gridw.pl),  
<http://www.gridw.pl>; <http://www.eduqis.pl>



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Project partners:



- developing guidelines for teachers, with special focus on GIS competences and skills to be gained by the pupils,
- networking with Norwegian teachers and experts on ICT and GIS teaching – exchange of experiences related to GIS in schools e.g. school curriculum reform in the context of GIS incorporation into geography and biology curricula (Norway - 2006, Poland – 2009), organizational aspects of the GIS lessons in classroom and/or field activities with pupils, best practices of the formal and non-formal education using a GIS-based approach.,
- inspiring teachers in Poland to be open to new approaches in teaching with the use of GIS.

Handbook “GIS at school” will be one of the main project results. Lessons and educational projects scenarios (plans) and GIS data as well as instructions for geography and biology teachers will be included in this publication. EduGIS portal for teachers (e-Learning module) and for students will also present educational projects implementing practical use of GIS at school.

Do not miss the opportunity to find out about new methods of teaching.

Learn from professionals – become a participant of EduGIS Academy!

