

Universities in Helsinki, Finland

www.helsinki.fi/summerschool

summer-school@helsinki.fi



HELSINKI SUMMER SCHOOL

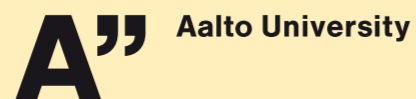
2010

August 3 to 19

Thinking Allowed

COURSES 2010

Activity Theory and Formative Interventions
Agriculture and Environment: Ecosystem Services
Borders and Identities in Europe
Business to Business Marketing
Consumer Behavior
Contemporary Nationalisms around the World
Design and the City
Developing Intercultural Competence
Ecology and Management of Urban Green Space
Environmental Services in Forest Management
Interdisciplinary Product Development
Introduction to Bioethics
Introduction to Conceptual History
Participatory GIS in Development Studies
Profitable Customer Management
Video in Research on Learning and Education
Wood in Construction and Architecture



The Theatre Academy of Finland:



National Defence University:





HELSINKI
SUMMER SCHOOL

2010

August 3 to 19

Thinking Allowed

PARTICIPATORY GIS IN DEVELOPMENT STUDIES

4 ECTS

August 3 to 19

Geographical Information Systems (GIS) are computerised systems used to create, manage, analyse and visualise spatial information of any kind. At the heart of these systems is GIS software, which typically links various attribute data tables with digital georeferenced map objects. GIS is widely used in all sectors of society, from transport to natural resource assessment and from land use planning to marketing. As such, knowledge of and proficiency in GIS is highly valued in the labour market.

The importance and use of GIS in development research is rapidly increasing. Qualitative development research methods, such as participatory reflection and action (PRA), can be combined with GIS to make use of the best aspects of both methods. Participatory GIS was born as a result of this fusion.

Participatory GIS in Development Studies course is a part of the Master's Degree Programme in Geoinformatics (<http://www.helsinki.fi/geography/gimp/>), co-ordinated by the Department of Geosciences and Geography at the University of

Helsinki. The course provides an overview of geographical information systems and remote sensing as well as their use in participatory research focused on developing countries. Participants will learn to apply these methods in various research contexts and explore their potential use and limitations.

The course consists of lectures, reading material, hands-on learning exercises, group work and fieldwork based on real-life data. The lectures and reading material introduce the theory and concepts of GIS as well as the participatory research methods used in development studies. The hands-on exercises familiarise students with desktop GIS software and some of its basic tools and structures. The fieldwork will involve working in groups to collect data from the Arabianranta residential area using GPS (Global Positioning System) receivers and digital cameras. This course is particularly well-suited to Master's degree students in geography, biology, and the social sciences. Previous knowledge of GIS is not required.

COURSES 2010

- 1 Activity Theory and Formative Interventions
- 2 Agriculture and Environment: Ecosystem Services
- 3 Borders and Identities in Europe
- 4 Business to Business Marketing
- 5 Consumer Behavior
- 6 Contemporary Nationalisms around the World
- 7 Design and the City
- 8 Developing Intercultural Competence
- 9 Ecology and Management of Urban Green Space
- 10 Environmental Services in Forest Management
- 11 Interdisciplinary Product Development
- 12 Introduction to Bioethics
- 13 Introduction to Conceptual History
- 14 Participatory GIS in Development Studies
- 15 Profitable Customer Management
- 16 Video in Research on Learning and Education
- 17 Wood in Construction and Architecture

Organiser:



University of Helsinki
Department of Geosciences and Geography

HELSINKI SUMMER SCHOOL – THINKING ALLOWED
Helsinki Summer School is a three-week academic event organised every August by the universities in Helsinki, Finland. Each year we give advanced degree students from over 60 countries an unforgettable learning experience that combines high quality academics with a wide range of cultural and social activities. Our multi-disciplinary courses, all of which are taught in English, aim at stimulating thought and intellectual development in an open and diverse environment. As a city known for design, technology and its vibrant cultural life, Helsinki is sure to be the experience of a lifetime.

For further information, please visit our website at www.helsinki.fi/summerschool or contact us directly by email at summer-school@helsinki.fi.