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Reuse and Sharing of e-Learning
Courses in GI Science Education

e-Learning course EduGI007

Virtual excursions in Earth Science Syllabus

Contact



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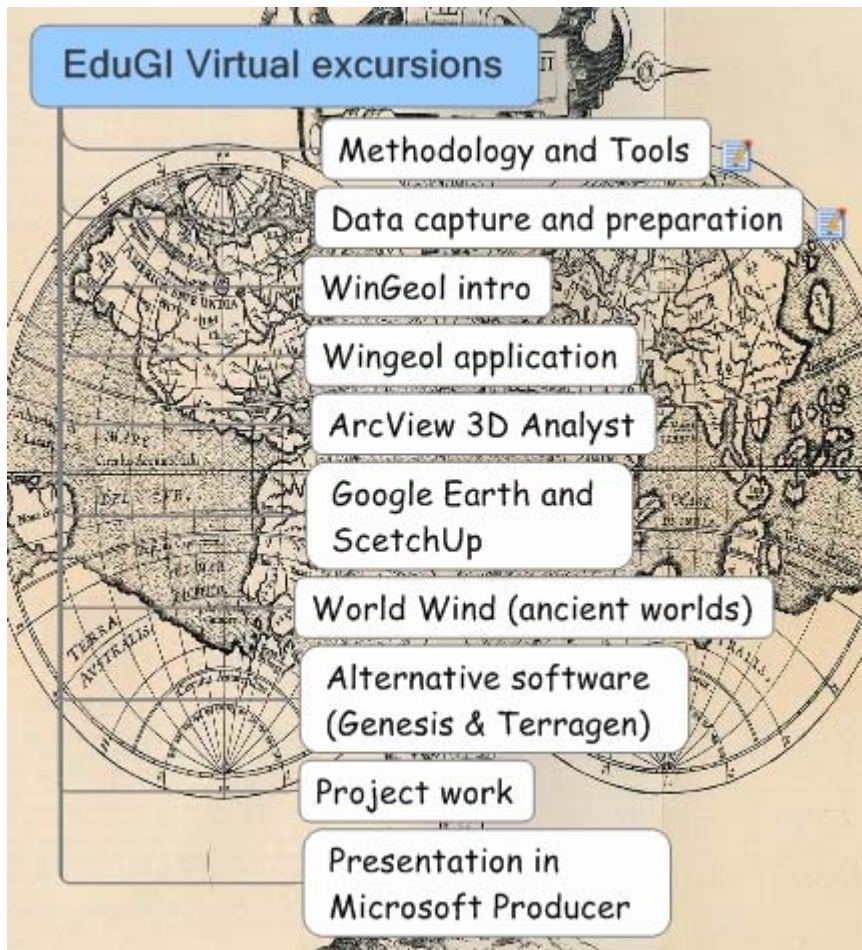


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Goal

Goal of the course is to enable students to download and handle digital data for visualization of important sites and phenomena on Earth. Special emphasis will be put on freely available data and software.

Contents



Style

- The didactical concept of this course is a truly interactive and problem-oriented approach. The theoretical background of visualization has been treated in another course of this series by ITC.
- In the asynchronous part of the course the students interact with the material available on the LMS platform. They communicate with teachers and other students, work in project groups and submit results of tutorials and projects. For technical reasons we have chosen an alternative platform developed in the EU (www.pingpong.se).
- The synchronous sessions are carried out in the advanced Marratech video-conferencing system (www.marratech.com).

- Email contact between students and teachers is handled through the LMS platform.
- Student-student interaction via Ping Pong
- Exams through minor tests and project work
- Students workload: 90 hours, equivalent to 3 ECTS credit points.

Participants

Students from ITC in the Netherlands and Harokopio University. Basic knowledge of GIS and access to internet connected PC required.

Organization

- Start and end of the course: After discussions with Harokopio (March 1 – April 30) and ITC (January, 15 – March 15), we agreed on February 12 to April 12, 2007
- Number of participants: 30
- EduGI007 Virtual Excursions in Earth Sciences
- Student online activity will be tracked by the platform, completion of selftests and online questions will be used to assess the progress of the course.

Successful participation

e.g.,

- Attend or comment synchronous sessions
- Pass exams
- Write project report in group

Course preparation

- Enroll at local teacher
- Access to e-Learning platform
- Access to software through the Internet and by distribution of installation packages

Literature

- Available through the platform