



Tempus



The GE-UZ

Geoinformatics: enabling sustainable development in Uzbekistan www.geuz.eu & www.geoinformatics.uz

Highlights

- ❖ Kick-off meeting in Tashkent
- ❖ Development of a learning environment
 - Moodle, LinkedIn
- ❖ Academic Quality Assurance
- ❖ Partner introduction
 - KTH
 - TIIM
- ❖ How can you contact us?

Kick-off meeting in Tashkent

A well-organized and successful conference was held in Tashkent with GE-UZ project partners on 17-19th January in 2013. The goal of the project is to ensure that Uzbek partner universities (TIIM, TABI, NUU, KSU) will have the capacity to offer a Master program in Geoinformatics that meets Bologna process, international academic quality standards, job market needs and support Uzbekistan in sustainable development. The objective of the conference was to bring project partners and stakeholders together and to discuss project aims, tasks and future plans. The conference was organized by Uzbek partners and was held in NUU, TABI and TIIM premises.

The Vice Rector of TABI welcomed the project partners and wished a very fruitful cooperation on the 1st day of the conference. Under the guidance of Prof Bela Markus (Project Coordinator) PMB (Project Management Board) meeting was held in TABI premises with participation of Project Partner Coordinators to debate the project objectives, undertaken tasks, future plans, expected outcomes and responsibilities. Several motions and decisions were passed regarding work-packages. In the afternoon the project partner coordinators met the stakeholders and project beneficiaries at PAB (Project Advisory Board) meeting organized at NUU premises. First Odil Akbarov (TIIM) and Andrea Podor (UWH) presented the objectives of the project and the results of the needs analysis for beneficiaries. After acceptance of several reports and agreements, we walked around the Department of Geography and Geology at NUU.

On the 2nd day the conference continued with opening ceremony inaugurated by the rector of TIIM. This talk was followed by the presentation of EU delegate (Yuri Sterk) who explained the EU's policy on higher education and wished a very successful cooperation in the framework of this project. As a closing of the morning session after Prof Bela Markus's speech, the project partners' introduction was presented. In the afternoon during the technical session the presentation of work-packages were discussed by Project Partner Coordinators and stakeholders. After a long-lasting and useful meeting a conference dinner was addressed to project partners at TIIM where we could get acquainted with each other much better and enjoyed the local dishes and traditional Uzbek dance, in a word a dash of Uzbekistan. The hospitality and the local people's attitude were amazing and respectful.

To sum up the kick-off meeting, one thing is for sure; the conference was obviously positive and effective proven by evaluation forms completed by participants therefore a great thank you to the organizers especially to Odil Akbarov. During the meeting a number of issues were clarified and we were able to meet with stakeholders and beneficiaries personally and experienced that Uzbekistan and more precisely the project partners need to be provided with MSc Geoinformatics qualification. Uzbekistan declared to enable progress and step on the way of development. The next meeting will be carried out in Tashkent again in June 2013.

Development of a learning environment

Work package 5 is dedicated to the design, development and the implementation of an online learning infrastructure as common platform for all project partners, including teachers and students. Currently this learning infrastructure is based on a learning management system (Moodle) and two social networking tools. One is dedicated mainly to internal use (LinkedIn) and one for communication and representation to the interested public (Blogspot). In a later step, when regular studies are commencing and getting operative, additional tools will be installed.

Moodle platform

The Moodle platform - currently in a test phase - is going to host all materials and resources used for teaching, structured by curriculum modules and used for instructor-led training. It is installed in the "Public Cloud", using Amazons Webservice hosting and thus granting high availability, stability and ubiquitous accessibility - internet access assumed - at low cost and well scalable according to the intensity of service use.

The Moodle system is available in English and Russian in order to ease usability for those who are unfamiliar with the handling of learning management systems.



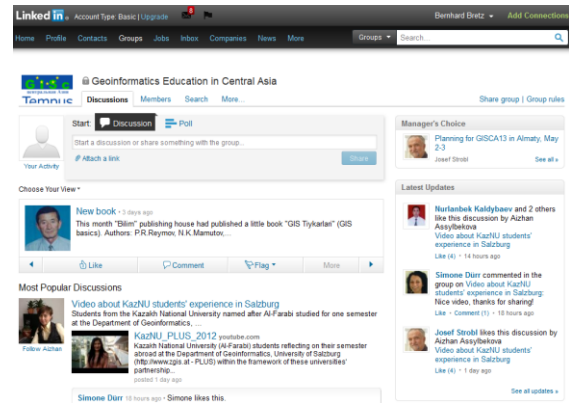
The screenshot shows the Moodle LMS interface for the course "Tempus Geuz Geoinformatics Uzbekistan". The page title is "Tempus Geuz Geoinformatics Uzbekistan". The navigation menu includes "Home", "Tempus Geuz Technical Guidelines", "Tempus Geuz Technical Guidelines", and "Courses". The "Available courses" section lists the course "Introduction to the Learning Management System 'Moodle' - used for educating GI-Professionals in Uzbekistan". Below this, there is a section for "Testcourse - Playground" with a list of teachers: Ikhtiyor Abdullayev, Shukurjon Abdullayev, Anvarjon Oqilov, Shukurjon Shukurjonov, Bita Mirzoyeva, Ozi Akbarov, Nazimjon Mamurov, Eshvohid Safarov, and Gungor Misir.

LinkedIn

LinkedIn is a social networking website initially attempting to ease connecting and communication between professionals. During its evolution a comprehensive toolset of socially oriented, web-based activities has emerged.

Within that, a dedicated group "Geoinformatics Education in Central Asia" <http://www.linkedin.com/groups?gid=3845445> (Invitation required) has been set up. It offers a valuable platform for exchanging ideas, thoughts, news and information which might be relevant not only for the project participants but also for all those, who are engaged in educational matters within this rapidly developing region.

An additional communication channel is the "ACA*GIScience News" public Blog at <http://acagisc.blogspot.co.at/>. This tool is mainly addressing the wider interested public, currently outside the project in order to document and inform the community interested in the progress and outcomes of the project activities. By filtering "Geuz" only the posts regarding the GE-UZ project are visible.



The screenshot shows the LinkedIn group page for "Geoinformatics Education in Central Asia". The page includes a navigation bar with "Home", "Profile", "Contacts", "Groups", "Jobs", "Index", "Companies", "News", and "More". The group name is "Geoinformatics Education in Central Asia". The page content includes a "Start" section with a "Discussion" tab, a "Your Activity" section, and a "Most Popular Discussions" section. The "Most Popular Discussions" section features a video titled "Video about KazNU students' experience in Salzburg" and a post titled "KazNU PLUS 2012".

Academic Quality Assurance

Quality assurance is crucial to the development and delivery of academic programmes. The context for quality assurance is provided by national and international frameworks such as the Quality Assurance Agency Quality Code in the UK and its equivalent in other countries and the Bologna Declaration with its 47 signatories. The individual institutions providing higher education operate according to clear academic regulations for taught awards and requirements for approval, monitoring and review of academic programmes that are consistent with national rules and international agreements. Higher education providers distinguish between standards and quality when considering quality assurance. The maintenance of academic standards involves ensuring that the level of achievement students must meet in order to succeed in a particular programme of study is transparent and consistent. Maintenance of academic quality refers to the processes of supporting and evaluating teaching, learning and provision of feedback, ensuring that resources are at the appropriate level to support programmes of study and enabling on-going monitoring. Tutors, students, external professional and regulatory authorities play important roles in overall academic quality assurance. Industry representatives can help to ensure that graduates are meeting the needs of their sectors upon graduation, while on-going student feedback supplied via course monitoring helps to ensure better learning experiences.

The development of the MSc in Tashkent has adopted an approach to academic quality assurance that is grounded in the European experience as guided by the Bologna agreement. To that end, the programme of study (the MSc award) will be described and explained by means of a programme specification that will express the overall programme aims, expected learning outcomes, approaches to teaching, learning and assessment designed to achieve the programme level aims, as well as a summary of the courses (modules) comprising the programme. A template for the production of a Programme Specification has been supplied to the Tempus project team. Individual courses (modules) will be described in detail using course (module) specifications that will describe the course (module) aim(s), expected learning outcomes, approaches to teaching and learning, indicative content, and approaches to assessment. A course specification template has also been supplied to the Tempus project team. Responsibility for production of the Programme Specification lies with a Programme Leader in Tashkent who works with a local team of academic staff members and supporting institutions within the Tempus project; course (module) specifications are the responsibility of local Course Coordinators, also supported by the Tempus project members. Upon successful approval, the programme of study will operate according to internationally recognised academic quality assurance principles. The institutional providers will engage in annual programme and course monitoring (including student feedback); external monitoring will take place through the appointment of an external examiner and through feedback from professional/industrial representatives. Formally constituted examination boards will consider student academic performance relative to the expectations of 2nd cycle (Masters/PGDip) programmes as defined in the Dublin descriptors.

Uzbek partner's meeting

On the 14th February 2013, Odil Akbarov, the Uzbek project manager, organized a meeting for academic partners to finalize the first decisions of the project.

The agenda for the meeting was:

1. Curricula development
2. Classificatory
3. Equipment
4. Staff selection.

On the meeting Uzbek academic partners accepted the curricula of the project with minor changes in subject titles. The excepted curricula:

1. Geoinformation Systems and Science
2. Remote sensing
3. Spatial Data Models
4. Data Acquisition and Data Integration
5. Geodatabases and Distributed Architectures
6. Cartography and Geovisualization
7. Spatial Analysis
8. Project Management and Organization

The project partners will develop learning environment for these modules.

Up to now there is no existing title and code in national classificatory for Geoinformatics specialty, a request letter will be submitted to MHSSE to include required specialty title and code. The partners agreed to recruit applicants at each university for the first June workshop and select staff for further trainings in the EU. There is still no final decision about the required equipment for delivering master program.

Partner introduction - KTH

KTH will actively participate in development workpackages on curriculum, learning materials, teachers retraining and course implementation. For development of learning materials, KTH will be responsible for two modules: Spatial data models, Cartography and geovisualization.



In particular, KTH will be lead partner for Workpackage 8 on course implementation. Together with other partners, KTH will be responsible for development of a business plan for the new geoinformatics master course in order to ensure the academical, organizational and financial



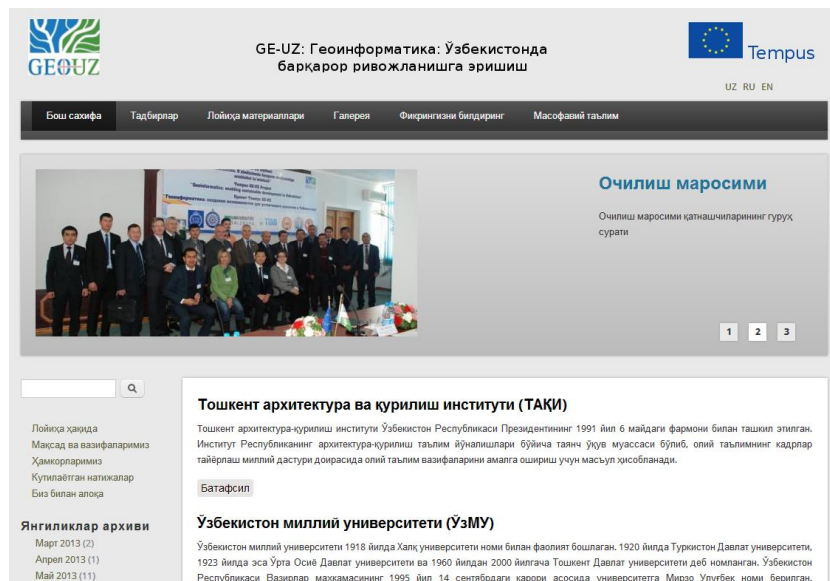
sustainability of the course. KTH will support Uzbek staff to recruit master students and organize entry exams. In July 2014, staff from KTH will deliver a field course in Tashkent to 16 Uzbek teachers on use of modern technologies. KTH will also coordinate and evaluate the pilot delivery of master courses and collect feedbacks to improve the master curriculum.

Partner introduction - TIIM

TIIM has good experience in implementation of Tempus projects where has been established strong networking with partners of the consortium and other interested universities. TIIM will be actively involved in the management of the project with the grant holder of the project. TIIM will be responsible for the organization of project activities in Uzbekistan. The department of Geodesy and Cadastre will provide the consortium with required personnel and administrative support. TIIM will work on two cycle education in GIS: improve BSc and develop new MSc. Particularly will work on development and/or improvement of curricula, syllabuses and teaching materials with focus on natural resources management and hydro technical construction. Participate in training courses for teachers and students. Facilitate dissemination of project results and work on sustainability of project outcomes. TIIM will be lead partner in WP3. (Development in working material) and WP.9 (Dissemination and awareness).



TIIM will be responsible for the coordination of the project in Uzbekistan and has gained useful organisational capacities in former TEMPUS projects. The department plays a dominant role in geodesy education in Uzbekistan; curricula, textbooks, teaching methodologies are developed by department staff and adopted by other corresponding specialized universities. Considering these national responsibilities and capacities, TIIM was assigned to be the task leader of the "Development of learning materials" (WP3). and "Dissemination and awareness" (WP9). TIIM is responsible for capacity building.



GE-UZ: Геоинформатика: Ўзбекистонда барқарор ривожланишга эришиш

UZ RU EN

Беш саҳифа Тadbirlar Лойиҳа материаллари Галерея Фирмиқизми билдириги Масофавий таълим

Очилиш маросими

Очилиш маросими қатнашчиларнинг гуруҳ сурати

1 2 3

Лойиҳа ҳақида
Мақсад ва вазифаларимиз
Ҳамкорларимиз
Қўтилган натижалар
Биз билан алоқа

Янгиликлар архиви
Март 2013 (2)
Апрел 2013 (1)
Май 2013 (11)

Тошкент архитектура ва қурилиш институти (ТАҚИ)
Тошкент архитектура-қурилиш институти Ўзбекистон Республикаси Президентининг 1991 йил 6 майдати фармони билан ташкил этилган. Институти Республиканинг архитектура-қурилиш таълим йўналишлари бўйича таянч ўқув муассаси бўлиб, олий таълимнинг кадрлар тайёрлаш миллий дастури доирасида олий таълим вазифаларини амалга ошириш учун масъул ҳисобланади.

Батафсил

Ўзбекистон миллий университети (ЎЗМУ)
Ўзбекистон миллий университети 1918 йилда Халқ университети номи билан фаолият бошлаган. 1920 йилда Туркистон Давлат университети, 1923 йилда эса Урта Осий Давлат университети ва 1960 йилдан 2000 йилгача Тошкент Давлат университети деб номланган. Ўзбекистон Республикаси Вазирлар маҳкамасининг 1995 йил 14 сентябрдаги қарори асосида университетга Мирзо Улуғбек номи берилган.

For more information or to send your comments on GE-UZ please contact:

Prof Dr Bela Markus,
GE-UZ TEMPUS Project Manager
Faculty of Geoinformatics,
University of West Hungary
Pirosalma u 1-3.
Székesfehérvár H-8000
Email: ge-uz@geo.info.hu

Or

Odil Akbarov
GE-UZ TEMPUS National Coordinator
The Tashkent Institute of Irrigation and Melioration
Qori Niyoziy 39
Tashkent UZ-100000
Email: odilxon@yahoo.com