

SESREMO

Project Meeting

12 – 15 August 2015

Berlin



Tempus

Technische Universität Berlin
Straße des 17. Juni 135
10623 Berlin

SESREMO - Project Overview

Strengthening Education in Space-based REMOTE sensing for monitoring of eco systems in Israel, Azerbaijan, Kazakhstan

SESREMO is a project within the framework of the TEMPUS programme*.

Budget size: €1.114.000,-

The main aim of the project is to ensure that the targeted universities can offer two cycle programmes in space based remote sensing techniques to improve teaching in line with the new development in the area, the market demand and according to the Bologna process, last recommendations in Bucharest communiqué and best practice in order to bring the universities closer to the changing labour market and European education area.

The specific objectives are:

- to update the current curricula in the target area according to the Bologna requirements and new developments in the target area,
- to develop, implement and accredit new practice oriented and student-focus core and transferable curricula and modules,
- to bring the Higher Education Institutions of partner countries closer to the labour market.

According to the specific project objectives following curricula will be developed by EU universities and delivered to the target universities:

1. Development of 8 new core curricula:
 - Space tools for remote sensing incl. applied microelectronic,
 - Sensoric instruments/technology for Earth Observation,
 - Environmental Drought & Flood Monitoring & RS applications,
 - Principles & Applications of GIS and Remote Sensing,
 - Environmental quality monitoring and assessment,
 - Coastal processes and environmental management,
 - Preventive methods for coastal environmental protection,
 - Environmental Mathematic Modeling for wave dynamics.

* Tempus is the European Union's Programme which supports the modernisation of higher education in the Partner Countries of Eastern Europe, Central Asia, the Western Balkans and the Mediterranean region, mainly through university cooperation projects.

2. Four transferable curricula:

- Soft skills for engineers,
- Satellite Communications,
- Basics of technical creativity in engineering and TRIZ distance learning platform,
- Applications of GEONETCast for water and environment protection.

Conference Program

13.08.2015

- 10:15 Registration of the participants
- 10:30 – 13:30 Coordination Meeting: organization of project trainings and master-classes at target Universities, purchase and installation of equipment, Sustainability and dissemination strategy of the project, – Reporting on project activities and contract amendments.
- Workshop on methodology of new curricula development: reviewing of the existing curricula and update/adoption of a developed curricula. European recommendations on Bologna process including ECTS.
- 13:30 - 14:30 Lunch
- 14:30 – 17:30 Summary meeting: discussion and adoption of the working protocol to ensure the implementation of the project work plan; formation of the project member board, discussion of the venue and dates of the next project meeting.

14.08.2014

- 09:00 – 17:00 Workshop “EMSO Office”
- Organization of project trainings at EU universities and master-classes at target Universities
 - Purchase and installation of equipment for EMSO Office
 - Establishment of EMSO “ECO Monitoring Service Offices”
 - Installation GeoNetCAst Terminal
- 12:00 - 13:00 Lunch

SESREMO Consortium

- Technische Universität Berlin, Germany
- University of Twente, Netherlands
- Tallinn University of Technology, Estonia
- Engineering, Consulting and Management Office, Germany
- National Aviation Academy, Azerbaijan
- Sumgait State University, Azerbaijan
- Baku State University, Azerbaijan
- Tel-Aviv University, Israel
- Israel Institute of Technology, Israel
- Jerusalem College of Engineering, Israel
- Al-Farabi Kazakh National University, Kazakhstan
- L.N. Gumilev Eurasian National University, Kazakhstan
- Korkyt Ata Kyzylorda State University, Kazakhstan
- Centre for Remote Sensing and GIS «TERRA», Kazakhstan
- U. Sultangazin Space Research Institute, Kazakhstan
- EkoSfera "Social-Ecological Center" , Azerbaijan
- Ministry of Education & Science of the Republic of Kazakhstan
- Israeli Space Agency at Ministry of Science, Israel

Transfer from to Hotel Ivbergs Premium

Please take the underground U2 from the Ernst-Reuter in the direction Pankow and get off at Nollendorfplatz.

From there follow the instructions on the map below

