



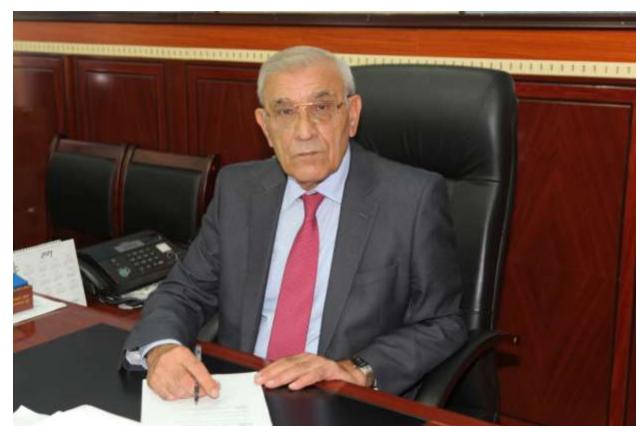


THE PROGRESS REPORT OF SESREMO PROJECT FOR 18 MONTH

Baku State University

PROJECT COORDINATION AT BSU

 Prof. Akif Guliyev - The Dean of the Faculty of Biology - Administrative and total coordination of SESREMO project at BSU (<u>biology@bsu.az</u>),







Dr. Yashar Omarov – Assoc. Prof. of the Department of Biochemistry -Contact person of the project at BSU (<u>yasharomarov@gmail.com</u>), **Prof. Farda Imanov** – The Dean of the Faculty of Geography -Responsible for academic coordination of the project at BSU (<u>farda_imanov@mail.ru</u>).



TƏDRİS HİSSƏSİ ÜZRƏ «<u>05</u>» may 2014-cü il tarixli

SƏRƏNCAM N 05

Məzmunu: İşçi qrupun yaradılması haqqında

prof.LN. OLIYEVA

BDU-da Avropa Birliyinin maliyyə dəstəyi ilə həyata keçirilən (2014-2016-cı illər arzində) TEMPUS proqramının "Ekosistemlərin kosmik vasitələrlə monitorinqi sahəsində ali təhsilin mükəmməlləşdirilməsi" adlı beynəlxalq layihəsində iştirakı ilə bağlı aşağıdakı tərkibdə işçi qrupu yaradılsın:

L.	prof. A. Ə. Quliyev	Biologiya fakültəsinin dekanı	İşçi qrupun və layihənin rəhbəri
2.	prof. F.O.Imanov	Cografiya fakültəsinin dekanı	Úzv
3.	Prof. N.A.Sadiqova	Ekologiya və torpaqşünnslıq fakültəsinin "Biockologiya" kafedrasının müdiri	Özv
4.	Prof. Ş.Y.Göyçaylı	Ekologiya və torpaqşünaslıq fakültəsinin "Coğrafi ekologiya" kafedrasının müdiri	Ozv
5.	Prof. Y.O.Qaribov	Coğrafiya fakültəsinin "Fiziki coğrafiya" kafedrasının müdiri	Ozv
6.	Prof.M.H.Qocamanov	Coğrafiya fakültəsinin "Geodeziya və kartoqrafiya" kafedrasının müdiri	Ozv
7.	dos.Y.A.Omarov	Biologiya fakültəsinin dekan müavini	Ozv
.8.	k/t.e.n. C.O.Şabanov	"Torpaqşünaslıq" kafedrasının dosenti	Özv
9,	b.e.n. F.V.Sultanzada	Ekologiya və torpaqşünaslıq faktiltəsinin "Bioekologiya" kafedrasının dosenti	Ûzv
10.	g.c.n. L.Ə.Bayramova	Ekologiya və torpaqşünnalıq fuktiltəsinin "Coğrafi ekologiya" kafedrasının dosent əvəzi	Üzv
11.	g.e.n. M.A.Hüseynli	Ekologiya və torpaqşünaslaq fakültəsinin "Coğrafi ekologiya" kafedrasının saat-hesabı müəllimi	Ozv
12.	R.Racobov	Coğrafiya fakültəsinin "Hidrometeorologiya" kafedrasının müəllimi	Özv
13.	A.Nuriyev	Coğrafiya fakültəsinin "Hidrometeorologiya" kafedrasının haş laborantı	Ozv
14.	N.Sadixova	Coğrafiya fakültəsinin "Fiziki coğrafiya" kafedrasının doktorantı	Özv
15.	B.M.Xalilov	Coğrafiya fakültəsinin "Geodeziya və kərtoqrafiya" kəfedrasının doktorantı	Özv
16,	K.O.Hüseynov	"Torpaqşünaslıq" kafedrasının doktorantı	Czv

OSAS: Rektorun darkanarı ilə layihə rəhbarinin təqdimatı.

Tədrisin təşkili və təlim

texnologiyaları üzrə prorektor

WORK TEAM

With purpose of implementation project plans, work group (which consist 16 professors and lecturers) has been formed accordingly point 4 of Minutes of Kick-off Meeting,



TARGET DEPARTMENTS

1. Faculty of Geography

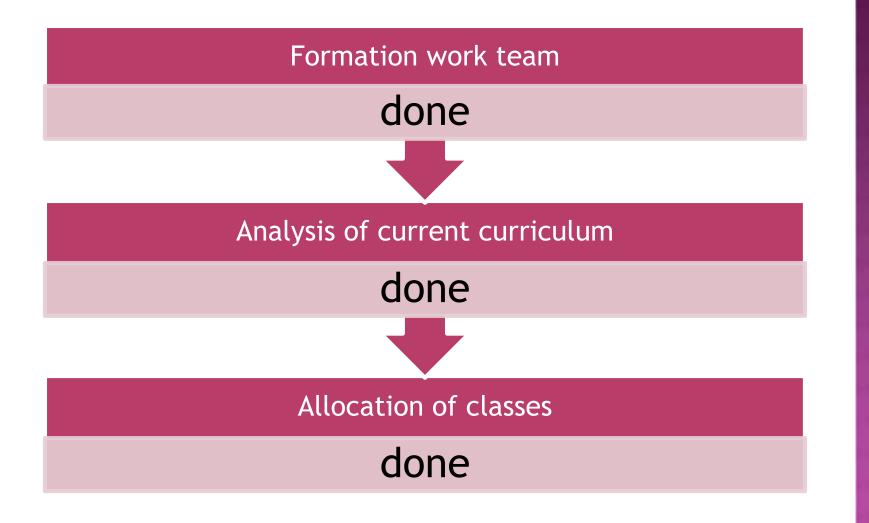
- > Department of Geodesy and cartography,
- Department of Physical geography,
- Department of Hydrometeorology,

2. Faculty of Ecology and soil science

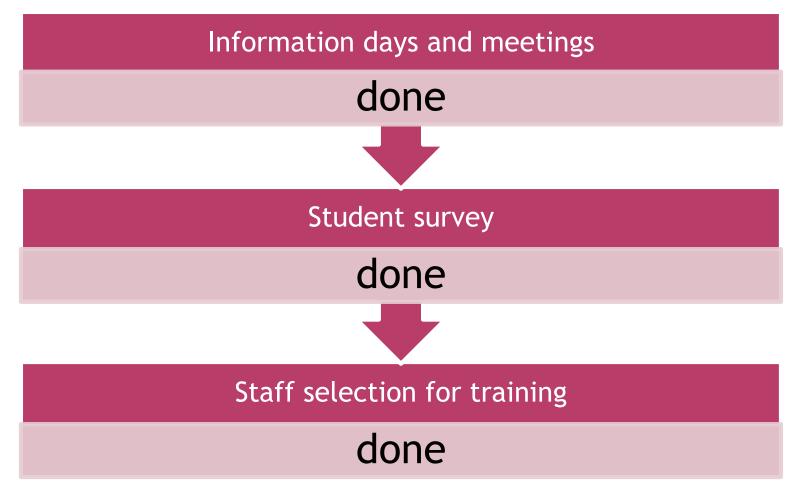
- Department of Bioecology,
- Department of Geographical ecology,
- Department of soil science.



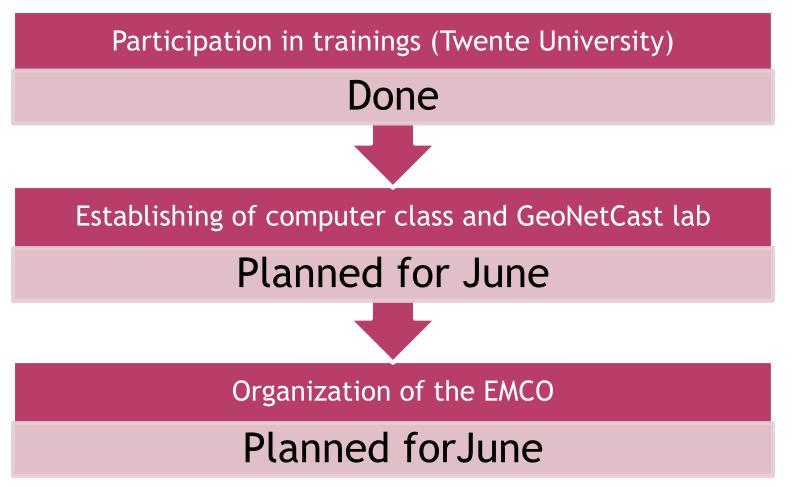
AIMS AND ACTIVITIES OF THE PROJECT



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HELD MEETINGS FOR 18 MONTH

- Meetings with staff of target departments,
- Meetings of work group,
- Meetings with administration of the university (Vicerector, Head of foreign office was held to discuss planned project issues,
- Information day for students,
- Information day with staff for selection teachers for training.

INFORMATION ABOUT SESREMO PROJECT WAS PRESENTED ON DIFFERENT UNIVERSITY EVENTS (CONFERENCES, SEMINARS, ACADEMIC COUNCIL AND STUDENT SOCIETY)









BAKU COORDINATION MEETING OF SESREMO PROJECT WAS ORGANIZED (06-07.10.2014)





The rector of BSU prof. Abel Maharramov, The Coordinator of SESREMO project at BSU Prof. Akif Guliyev and Manager of SESREMO project Mr. Arnold Sterenharz at Baku Coordination Meeting.





Location – in front of dean office of the faculty of Geography.

OUR POSTER



For more detailed information: (+99412) 539 10 91; 539 04 87 e-mail: yasharomarov@gmail.com

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OUR FLYER

www.bsu.az Strengthening education in space-based remote sensing for monitoring of eco systems in Israel, Azerbaijan, Kazakhstan (SESREMO) The project has been funded with the support of the European Commission www.sestemo.cu

Baku State University

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.

Project duration - 3 years (15.12.2013 -14.12.2016) According to the specific project objectives following curricula will be developed by EU aniversities and delivered to the target universities:

1. Development of 8 new core curricula:

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

2. Four transferable curricula:

- V 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

SESREMO Consortium

- Technische Universität Berlin, Germany
- University of Twente, Netherlands
- 🖝 Tallinn University of Technology, Estonia
- Engineering, Consulting and Management Office, Germany
- 🗑 🛛 Baku State University, Azerbaijan
- 🐱 Sumgait State University, Azerbaijan
- National Aviation Academy, Azerbaijan
- Son 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

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ROOMS FOR COMPUTER CLASS AND GEONETCAST LAB

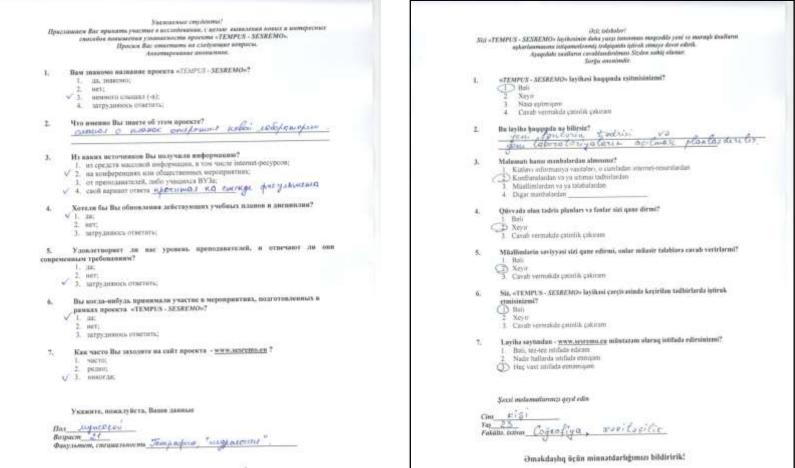


Two renovated auditoriums in faculty of Geography have been allocated for planned laboratory and computer class with 40 и 30 м.2 space.

Responsible for computer class – Anar Nuriyev, Responsible for lab – Nigar Sadikhova.



STUDENTS SURVEY



Благодарим за сотрудничество!

STUDENTS SURVEY ANALYSIS

 The analysis of the student survey indicated that their positively consider views on the updating of existing curriculum and courses and establishing new labs and computer class.

SELECTION CRITERIA FOR TRAINING

- Be fluent in English,
- Academic background,
- Participation in international programmes and trainings in Europe.
- Chosen teachers for Twente training:
- Anar Nuriyev,
- Nigar Sadikhova
- Kanan Huseynov.

LIST OF COURSES BE UPDATED AND LIST OF STAFF RESPONSIBLE FOR UPDATING

List of curriculums/courses be updated	Name and surname of responsible staff, department, faculty	The date of finishing or planned date for submission on university level
Application GIS technologies in hydrometheorology	Anar Nuriyev, Department of Hydrometheorology, Faculty of Geography	June/September 2015
Control of flooding and droughts risks	Anar Nuriyev, Department of Hydrometheorology, Faculty of Geography	June/September 2015
Geoinformatics	Nigar Sadikhova, Department of physical geography, Faculty of Geography	June/September 2015
Basis of GIS	Magsad Gojamanov, Department of Geodesy and cartography, Faculty of Geography	June/September 2015

PLANNING AND CURRENT SITUATION ON DEVELOPMENT NEW COURSES/MODULES

Theme, module, course The course: «Application GIS technologies in hydrometheorology» Module 1: The processing of satellite information by GIS technologies; Module 2: The monitoring of water objects by GIS technologies.	Name and surname of responsible staff, department, faculty Anar Nuriyev, Department of Hydrometheorology, Faculty of Geography	The date of finishing or planned date for submission on university level June/September 2015
The course: «Control of flooding and droughts risks» Module 1: Statistical methods of assessment of hydrometheorological risks; Module 2: Models of calculation of transformation of flood waves; Module 3: Methods of economical assessment of scathe of floods and drought	Anar Nuriyev, Department of Hydrometheorology, Faculty of Geography	June/September 2015
The course: «Geoinformatics» <i>Module 1</i> : Construction of geoinformation maps; <i>Module 2</i> : Mathematical methods of the geoinformation processing	Nigar Sadikhova, Department of physical geography, Faculty of Geography	June/September 2015
The course: «Basis of GIS» Module 1: Construction digital models of locality by GIS technologies; Module 2: Improving methods of construction of 3D locality models; Module 3: Creation geoinformation system for conduction cadastre	Magsad Gojamanov, Department of Geodesy and cartography, Faculty of Geography	June/September 2015