



**Kazan
Federal**
UNIVERSITY



SUMMARY REPORT

on Joint International Accreditation
of the educational programme

“System Ecology and Modelling”

in the field of study

“Ecology and Management of Natural Resources” (05.04.06),

delivered by Kazan Federal University

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2017

While preparing this Summary Report we used information from the Self-Evaluation Report and the Report on the External Review of the educational programme "System Ecology and Modelling" in the field of study "Ecology and Management of Natural Resources" (05.04.06), delivered by Kazan Federal University.

The presentation document for the use by the National Accreditation Board.

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GENERAL INFORMATION ON EDUCATIONAL INSTITUTION

Full name of the educational institution	<i>Federal State Autonomous Educational Institution of Higher Education Kazan (Volga region) Federal University</i>
Founders	<i>Ministry of Education and Science of the Russian Federation</i>
Year of foundation	<i>1804 – Kazan Imperial University 1925 – Kazan State University named after V. I. Ulyanov-Lenin 2003 – SEI of HPE "Kazan State University named after V. I. Ulyanov-Lenin" 2011 – FSAEI of HPE "Kazan (Volga Region) Federal University" 2015 – FSAEI of HPE "Kazan (Volga Region) Federal University"</i>
Location	<i>420008, 18 Kremlyovskaya Str., Kazan, Russian Federation</i>
Rector	<i>Ishat Gafurov, Dr. of Sci</i>
License	<i>Series 90Л01 № 0008676 reg. № 3045-096 dated from 22.09.2015 permanent</i>
State Accreditation	<i>Certificate of State Accreditation Series 90A01 № 0001632 reg. № 1539 of 01.12.2015 valid till 25.03.2021</i>
Number of students	<i>42706</i> <i>among them:</i> <i>Full-time 30727</i> <i>On-site and off-site 89</i> <i>Part-time 11890</i>

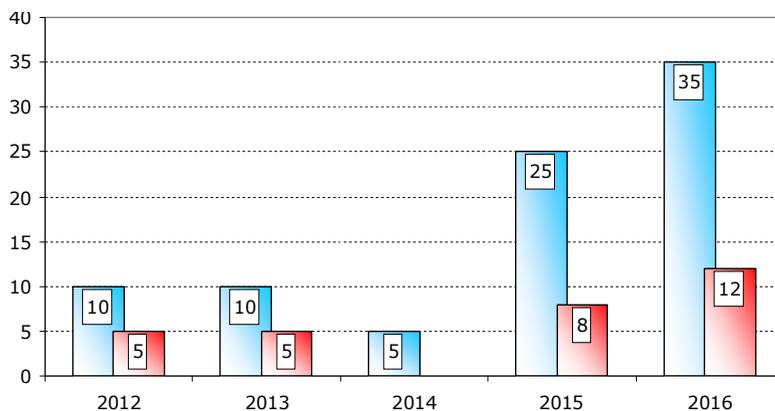
INFORMATION ON THE EDUCATIONAL PROGRAMME UNDERGOING ACCREDITATION

Educational programme	<i>"System Ecology and Modelling" (05.04.06)</i>
Level of training / Standard period of training	<i>master's degree programme / 2 years</i>
Structural subdivisions (head)	<i>Institute of Environmental Sciences (Doctor of Biological Sciences, Professor Svetlana Selivanovskaya)</i>
Major department (head of major departments)	<i>Department of General Ecology (PhD in Biological sciences, Associate Professor Galia Shaykhutdinova)</i> <i>Department of Ecological Systems Modeling (Dr. Sci. (Phys-Math), Professor Shamil Zaripov)</i>
Date of the site visit	<i>March 14-15, 2017</i>
People responsible for public accreditation of the study programme	<i>Eugenia Sokolova, Director of Department of Methodological Support and Monitoring of the Education Process</i> <i>Galia Shaikhutdinova, Head of the Department for General Ecology, Associate Professor</i>

SAMPLING RESULTS OF THE PROJECT "THE BEST EDUCATIONAL PROGRAMMES OF INNOVATIVE RUSSIA"

Indicators	2017
Educational programme "System Ecology and Modelling" (05.04.06)	
Number of the given programmes in the RF	137
Number of higher educational institutions to offer the given programmes	137
Number of programmes – winners of the project (% from total amount of these programmes offered in the RF)	10 (7,3%)
The Republic of Tatarstan	
Number of the given programmes offered in the region	2
Number of programmes – winners of the project (% from total amount of these programmes offered in the region)	1 (50%)
Number of higher educational institutions and branches in the region	71
Total number of programmes offered in the region	559
Total number of programmes – winners of the project (% from total amount of these programmes offered in the region)	100 (17,9%)

REFERENCE DATA ON STUDENT ENROLLMENT FOR PROGRAMME



ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMME

Quality of implementing the educational programme

The Master programme "System Ecology and Simulation" was opened in KFU in 2012 as a logical continuation of the study programmes "Environmental Control and Rational Use of Natural Resources" (from 1989 to 2002), "Ecology" (from 1996) and "Ecology and Use of Natural Resources" (from 2011). In 2012 the study programme of training field 020801.65 "Ecology" successfully passed public accreditation by the Agency for Quality Assurance in Higher Education and Career Development "AKKORK"; the bachelor's programme of training field 022000.62 "Ecology and Use of Natural Resources" was recognized as the Best Educational Programme of Innovative Russia of 2012-2013.

The educational quality management system in KFU was developed according to the model, which includes the requirements and guidelines of GOST ISO 9001:2011, ENQA standards and criteria. It was implemented for the purpose of accomplishing the KFU's Development programme for the period of 2010-2019, the Programme of enhancing competitiveness, the Policy of management, and Goals in the field of quality assurance. KFU's quality management system is successfully put into practice in designing, developing and implementing academic and research activity.

Provision of up-to-date education

The Institute provides training for Masters in compliance with the profile educational programmes, which are designed on the basis of the Federal State Educational Standard of higher professional education for training field 05.04.06 "Ecology and Natural Management", approved by the order of the Ministry of Education and Science of the Russian Federation of September 23, 2015 N1041.

The curriculum of the study programme was developed with the account of the requirements of international occupational standards for a specialist in Ecology (USA, Canada, Great Britain, Germany). The study programme is closely connected with research conducted by the staff of the Institute of Environmental Sciences. The syllabi are annually reviewed and updated with the account of the labour market demands, suggestions of employers and students. The research themes for Master theses are in line with the research areas of the major Departments.

The quality management system of KFU conducts regular internal audits of the study programme planning and management.

Competency of the teaching staff

The programme's teaching staff includes 6 Doctors of Sciences and 11 Candidates of Sciences, who work in the field of biological, physical and mathematical, technical, philological, juridical and psychological sciences. All the teachers conduct research activity, which corresponds to the profile and tasks of the study programme.

Independent assessment of student learning outcomes

KFU regularly takes part in the project "The Federal Internet Exam in the Sphere of Professional Education", supports student participation in international, national and regional conferences and seminars, in student subject specific Olympiads and competitions.

Employability of graduates

The study programme had two graduations (2014, 2015). All graduates are employed (100%) and are working according to their qualifications (employment in: LLC "GradoService", Moscow; LLC "Project organization EcoDiC", Kazan and others).

Material and technical resources

KFU's Lobachevski Scientific Library helps students to conduct independent work, research, practical training, and to prepare for the final attestation. The library is stocked with printed and digital editions of basic academic textbooks in all the disciplines. KFU's library is subscribed to a vast number of Russian and foreign digital library databases.

The programme is provided with adequate and sufficient resources for quality education and training of Masters. The Institute has material and technical facilities to conduct all types of laboratory, disciplinary and interdisciplinary training, and research work of students.

Research and international activity

The Institute of Environmental Sciences maintains close links with a number of Russian state universities (Moscow SU, Mari SU, Udmurt SU, Kazan Medical SU and others), research and education institutions (Institute of Physicochemical and Biological Problems of Soil Sciences, Russian Academy of Sciences (Laboratory for Ecological System Simulation) Puschino; the Institute of Ecology of the Volga Basin, Togliatti; Kazan Institute of Biochemistry and Biophysics, and others). The institute conducts joint research with research departments of a number of protected territories (Volzhsko-Kamsky National Nature Biosphere Reserve, national parks "The Lower Kama", "Mari Chodra", "Chavash varmane" and others).

The teachers of the Institute's major Departments are members of professional associations: Russian Botanical Society; International Association for Vegetation Science (IAVS); international Association for Aerosol Research (GAeF); Russian National Committee for theoretical and applied mechanics; work groups of European Vegetation Survey (EVS) and Eurasian Dry Grassland Group (EDGG); enrolled as independent ecology experts, experts for technical regulations, members of research and development boards of environmental bodies, various committees and Academic Councils.

Both major Departments carry on cooperation with independent environmental and public organizations. In 2014-2016 on the WWF's order

two projects were implemented: "Developing methodology for identifying forests of high environmental value for the territory of Tatarstan Republic" and "Methodology for identifying valuable marine territories of the Arctic Region".

The teachers' international activities are aimed at enhancing the effectiveness of research, implementation of joint educational and research projects and promoting KFU at the international educational market. The teachers of the programme go as visiting lecturers to partner HEIs and participate in conducting lectures, seminars, workshops, consultations, etc. They take part in research conferences, seminars and internships.

The Institute has established partner relationships with foreign universities: Evergreen State College, Washington, USA; Siena University и Palermo University, Italy; Gissen University, Germany; University of Cincinnati (USA), Loughborough University (Leicestershire, UK), University of Environmental Health Foundation (USA), Masaryk University (Czech Republic), Fraunhofer-Institut für Toxikologie und Experimentelle Medizin (Hannover, Germany).

Some courses and lectures are taught by visiting professors from Russian and foreign universities and research centres. In 2014 a series of lectures on "Simulation of Forest Ecosystems" was delivered.

In 2013-2014 the students of the programme had a chance to hear the following lectures by professor from partner Universities: The Hebrew University of Jerusalem, Justus-Liebig-Universität Gießen, Fraunhofer-Institut für Toxikologie und Experimentelle Medizin (Hannover, Germany).

Teachers of the major Departments have been invited as visiting lecturers to a number of institutions: a course of lectures in "Geostatistics" in the National Centre for Space Research and Technologies (Almaty, Kazakhstan, 2015); a course of lectures and practical classes on "Computational Fluid Mechanics" was delivered in the Sultan Qaboos University (Oman, 2015); a lecture "Aerosols: environmental, technological and health science applications" was presented at the Special Mini-Symposium "Fluid Mechanics: Beauty and Practicality" in the College of Agricultural and Marine Sciences (CAMS) (the Sultan Qaboos University, Oman,) and at the seminar of the Engineering Centre, University of Brighton, Great Britain, 2016.

Another form of international activity is participation of the teaching staff in the international network project Global Index of Vegetation-Plot Data (GIVD) with the database Vegetation Database of Tatarstan (EU-RU-011), developed and supported by the Department of General Ecology.

The teaching staff members participate in joint grant programmes (joint grant of RFBR (Russian Foundation for Basic Research) with The Royal Society of London for the Improvement of Natural Knowledge №16-51-10024-KO "Modeling of aerosol jets for medical and automobile applications".

The outcomes of joint research projects are published. Co-authored monographs were published abroad.

Academic mobility of students

The goals of students' academic mobility are to improve the quality of training and prospective employment, to participate in the international system of higher education, to ensure competitiveness of students in international labor market, to strengthen KFU's credibility, to achieve the compatibility of the Russian and foreign systems of higher education.

Due to partner relations with Russian and foreign Universities, KFU's students have an opportunity to undergo short-term (1 semester) and long-term (academic year and longer) training in special programmes, study in joint summer schools.

The joint Russian-American summer school "Biodiversity, Protected Areas and Bioresources Management" was held in 2016, where Bachelor and Master students from the programme "Ecology and Natural Resource Management" studied together with the students of the Evergreen State College (Washington, USA).

EXTERNAL REVIEW PANEL



Prof. Dr. Dmitry Vinokhodov (Saint-Petersburg)

Review Chair, Russian expert

Doctor of Biological Sciences, assistant professor, Head of the Department of Molecular Biotechnology, Saint-Petersburg State Institute of Technology

nominated by the Guild of Experts in Higher Education



Prof. Dr. Natascha Oppelt (Kiel)

Deputy Review Chair, international expert

Professor (Physical Geography), Dean of the Faculty for Mathematics and Natural Sciences, Kiel University (Kiel, Germany), member of the programme commission on the German Aeronautics and Space Congress, member of the Scientific Committee of the European Conference on Precision Agriculture

nominated by the Accreditation Agency EVALAG
(Evaluationsagentur Baden-Württemberg)



Dipl.-Geologin Sabine Huck (Dessau)

Panel member, representative of professional community, international expert

Representative of the Department for Chemical Safety, Federal Environmental Agency (Dessau, Germany), member of the German Ground and Soil Association

nominated by the Accreditation Agency EVALAG
(Evaluationsagentur Baden-Württemberg)



Lenar Sadykov (Kazan)

Representative of student community, panel member, Russian Expert

4th year student, Faculty of Forestry and Ecology, Kazan State Agrarian University

nominated by Kazan State Agrarian University

INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMME

Tatyana Rogova

Doctor of Biological Sciences, Professor at the Department of General Ecology, Honoured Worker of Higher Education of the Russian Federation, Laureate of the Prize of the Russian Federation Government in Education (2000), member of the International Association for Vegetation Science (IAVS)

Anatoly Savelyev

Doctor of Biological Sciences, Candidate of Sciences in Physics and Mathematics, Professor at the Department of Ecological Systems Modelling, Honoured Worker of Higher Vocational Education of the Russian Federation, Laureate of the State Prize of the Republic of Tatarstan in Science and Engineering (2004)

Shamil Zaripov

Doctor of Physical and Mathematical Sciences, Professor, Head of Department of Ecological Systems Modelling, Honoured Worker of Higher Vocational Education of the Russian Federation, member of the Russian National Committee on Theoretical and Applied Mechanics, member of the International Association for Aerosol Research (GAeF)

Svetlana Selivanovskaya

Doctor of Biological Sciences, Professor, Director of the Institute of Environmental Sciences, Honoured Worker of Higher Vocational Education of the Russian Federation, Laureate of the V. A. Popov Prize of Academy of Sciences of the Republic of Tatarstan (2005), member of the Russian Microbiological Society, member of the European Geosciences Union (EGU)

Marina Fardeeva

Doctor of Biological Sciences, Associate Professor at the Department of General Ecology, Honoured Worker of Higher Vocational Education of the Russian Federation, member of the Russian Botanical Society

Svetlana Mukharamova

Candidate of Biological Sciences, Associate Professor at the Department of Ecological Systems Modelling, awarded the Honorary certificate of the Ministry of Education and Science of the Russian Federation

Galia Shaikhutdinova

Candidate of Biological Sciences, Associate Professor, Head of the Department of General Ecology, awarded the Honorary Certificate of the Ministry of Education and Science of the Russian Federation, member of the Russian Botanical Society, member of the European Dry Grassland Group (EDGG)

Ekaterina Kosterina

Candidate of Sciences in Physics and Mathematics, Associate Professor of the Department of Ecological Systems Modelling

Vadim Prokhorov

Candidate of Biological Sciences, Associate Professor of the Department of General Ecology, awarded the Honorary Certificate of the Ministry of Education and Science of the Republic of Tatarstan, member of the Russian Botanical Society

Denis Tishin

Candidate of Biological Sciences, Associate Professor of the Department of General Ecology

Nelli Chizhikova

Candidate of Biological Sciences, Associate Professor of the Department of Ecological Systems Modelling

Gilfanov Artur

Candidate of Sciences in Physics and Mathematics, Associate Professor, Laureate of the Prize of Academy of Sciences of the Republic of Tatarstan for young scientists (2009)

COMPLIANCE OF THE EXTERNAL REVIEW OUTCOMES WITH THE NCPA'S STANDARDS

Standard 1. Programme profile

Compliance with the standard: Substantial compliance (Good)

Good practice

Conducting international summer schools for potential applicants from diverse regions of the Russian Federation and other countries.

The educational programme is based on fundamental (classical University) training in the field of biology, mathematics and statistics.

Organization of the research part of the educational programme in the form of hierarchical research and academic micro-groups "head of the research school – postgraduate – Master students – Bachelor student".

Cooperation of the educational programme with republican research projects.

Participation in compiling the "Red Data Book of the Republic of Tatarstan".

Correspondence of the programme's content and the expected learning outcomes to international good practice and standards.

High proficiency of the teaching staff.

Areas for improvement

For the programme enhancement it is necessary:

- to bring into compliance the determined goal of the educational programme with the chosen activity type according to the Federal State Educational Standard.

- to develop a local document, which determines the sequence of achieving the expected learning outcomes and the goal of the programme.

- to develop and implement a compulsory discipline (a module of disciplines), which provides training in the spirit of the conception of sustainable development.

- to update the pedagogical component of further education and training courses for the teaching staff and focus on improving foreign language skills.

- to enhance the component of the educational programme, which provides language training with the purpose of promoting students' participating in programmes of international academic mobility.

- to consider students' desire to implement only a part of the disciplines in the English language.

Standard 2. Curriculum

Compliance with the standard: Substantial compliance (Good)

Good practice

The designed curriculum makes it possible to combine the study of disciplines with research activity of the students.

Tight connections between the structural units of the Institute of Ecology and Natural Management provide high efficiency of implementing the research part of the educational programme.

Availability of the Institute's research laboratories for all the programme's students provides the highest level of accessibility of the research equipment.

Availability of the system of individual advising for students, who got the Bachelor degree in other training fields with the purpose of compensation of the basic knowledge deficiency.

Areas for improvement

It is recommended that

- a detailed scheme should be developed, which defines the sequence of achieving the expected learning outcomes and the goal of the educational programme.

- wider opportunities for students in selecting individual educational paths in order to internationalize the educational programme should be provided.

- integration of KFU's structural units, which deal with ecological research should be enhanced in order to provide access to laboratory equipment.

- conditions for training students with special needs should be improved.

Standard 3. Student assessment

Compliance with the standard: Full compliance (Very good)

Good practice

High quality of the teaching staff.

Use of external evaluation procedures, such as the Federal Internet Examination.

Active participation in research conferences; significant number of students' publications.

High quality of graduation theses, which fully corresponds to the Master's level.

Objectiveness and thoroughness of the teaching staff in assessing graduation theses, depth, critical approach and credibility of analyses.

Areas for improvement

For the enhancement of the programme it is necessary:

- to provide the teaching staff with the opportunity to improve foreign language skills.
- to develop a strategic programme of internships of the teaching staff in the leading HEIs and institutions of Russia and Europe.
- to involve more students in international e-Olympiads.
- to improve the system of competency assessment as the final learning outcome.

Standard 4. Organisation of the study programme

Compliance with the standard: Full compliance (Very good)

Good practice

Consistency of admission requirements for applicants.

Participation of students in ecological olympiads.

Systematic support of students, who take part in research conferences.

Regular survey "The academic process as viewed by a student".

Areas for improvement

In order to enhance the quality of the programme it is necessary

- to reduce the academic work-load of the teaching staff at the expense of reducing the number of classroom hours and freeing time for research work and development of research publications.

- to develop the system of incentives for Bachelor students encouraging their research work and participation in Masters' research groups, which execute research projects (with the opportunity of co-supervision of Bachelor graduation theses).

- to develop a guide-book for applicants of the educational programme, which includes the programmes advantages, basic knowledge and skills, which are necessary for admission and studying the programme.

Standard 5. Resources

Compliance with the standard: Full compliance (Very good)

Good practice

The educational programme is included in the list of KFU's priority programmes.

The microbiological laboratory, molecular biological laboratory, biotesting laboratory, laboratory of chemical analysis and laboratory of food security, laboratory of Modelling of aerosol systems, which are used

in the academic process and research part of the educational programme, are supplied with modern equipment, up-to-date software.

Items of unique laboratory equipment are used in the academic process and research work.

Training is conducted with the help of a significant number of practice bases.

KFU's hostels are conveniently located and comfortably designed; overall condition of facilities is good.

Areas for improvement

In order to enhance the quality of the programme it is necessary:

- to create the system of active enrolling teachers from other HEIs and foreign countries for the purpose of effective internationalization of the educational programme.

- to increase the number of support staff for quality and timely maintenance of complex laboratory equipment, which is used in the educational process and research work.

Standard 6. Quality assurance

Compliance with the standard: Substantial compliance (Good)

Good practice

Regular surveys "A teacher as viewed by a student" and "Academic process as viewed by a student".

Compliance of the concept of the educational programme's quality system with KFU's quality system.

Areas for improvement

In order to enhance the quality of the programme it is necessary:

- to introduce in the local documents, which regulate the development of graduation theses, limitations for involving industrial companies, which may harm the environment, in determining themes for graduation theses.

- to create the system of periodical surveys of the programme's graduates on strengths and weaknesses of the study programme, its applicability and correspondence to their working functions.

RECOMMENDATIONS

Based on the analyses of the presented documents, meetings and interviews, conducted during the site-visit, with the purpose of enhancing the quality of implementing the educational programme under accreditation the Review Panel recommends:

- to bring into compliance the determined goal of the educational programme with the chosen activity type according to the Federal State Educational Standard;

- to develop a local document, which determines the sequence of achieving the expected learning outcomes and the goal of the programme;

- to develop a detailed scheme, which defines the sequence of achieving the expected learning outcomes and the goal of the educational programme;

- to develop a brief guide-book for applicants of the educational programme, which includes the programmes advantages, basic knowledge and skills, which are necessary for admission and studying the programme;

- to improve the system of competency assessment as the final learning outcome;

- to create the system of periodical surveys of the programme's graduates on strengths and weaknesses of the study programme, its applicability and correspondence to the working functions, which may arise;

- to boost the integration of KFU's structural units, which deal with ecological research, in order to provide access to the laboratory equipment;

- to improve conditions for training students with special needs;

- to develop and implement a compulsory discipline (a module of disciplines), which provides training in the spirit of the conception of sustainable development;

- to enhance the component of the educational programme, which provides language training with the purpose of promoting students' participating in programmes of international academic mobility;

- to provide wider opportunities for students in selecting individual educational paths in order to internationalize the educational programme;

- to consider the students' desire to implement only a part of the disciplines in English language;

- to develop an incentive system for Bachelor students to encourage their research work and participation in Masters' research groups, which execute research projects (with the opportunity of co-supervision of Bachelor graduation theses);

- to introduce in the local documents, which regulate the development of graduation theses, limitations for involving industrial

companies, which may harm the environment, in determining themes for graduation theses;

- to create the system of active involving teachers from other HEIs and foreign countries for the purpose of effective internationalization of the educational programme;

- to reduce the academic work-load of the teaching staff at the expense of reducing the number of classroom hours and freeing time for research work and development of research publications;

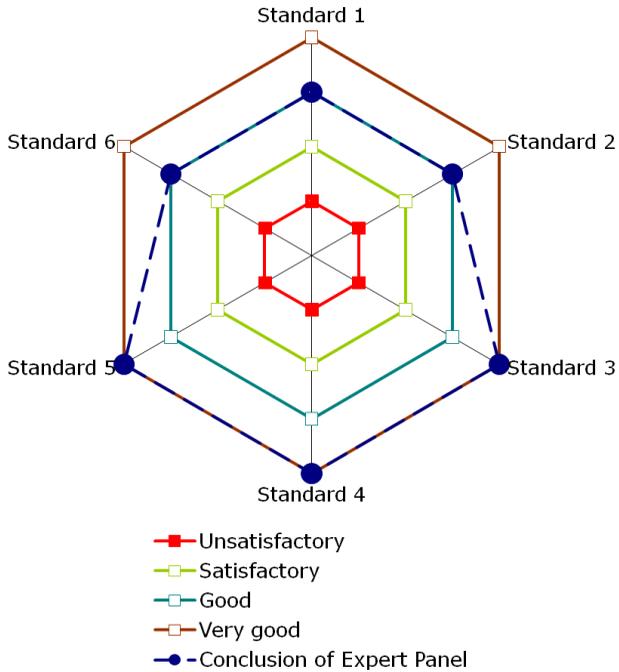
- to update the pedagogical component of further education and training courses for the teaching staff and focus on improving foreign language skills;

- to develop a strategic programme of internships of the teaching staff in the leading HEIs and institutions of Russia and Europe;

- to increase the number of support staff for quality and timely maintenance of complex laboratory equipment, which is used in the educational process and research work;

- to enroll more students to international e-Olympiads.

DISTRIBUTION DIAGRAM OF THE EXTERNAL REVIEW OUTCOMES



- Standard 1. Programme profile
- Standard 2. Curriculum
- Standard 3. Student assessment
- Standard 4. Organization of the educational programme
- Standard 5. Resources
- Standard 6. Quality assurance

CONCLUSION OF THE EXTERNAL REVIEW PANEL

Based on the self-evaluation report analysis, documents and data submitted, interviews with the representatives of the professional communities, students, post graduates, doctor-degree students, staff and administration of the educational institution the External Review Panel came to the conclusion that the educational programme "System Ecology and Modelling" in the field of study "Ecology and Management of Natural Resources" (05.04.06), delivered by Kazan Federal University **substantially complies** with the standards and criteria of public accreditation of the National Centre for Public Accreditation and evalag.

The External Review Panel recommends that the National Accreditation Board and Accreditation Council evalag **accredit the educational programme "System Ecology and Modelling" in the field of study "Ecology and Management of Natural Resources" (05.04.06), delivered by Kazan Federal University for the period of 6 years.**

SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time	Event	Participants	Venue
13 March, Monday			
During the day	Arrival of expert teams at Kazan Airport		
12.00 – 15.00	Excursion around the city (for foreign experts)		
15.30	Lunch (for foreign experts)		Café, Hayal Hotel
17.00 – 18.30	Internal preparatory meeting of expert teams. Training		Conference hall, Hayal Hotel
20.00	Dinner (for foreign experts)		Café, Hayal Hotel
14 March, Tuesday			
08.40	Transfer to the University. Meeting in the hotel lobby (for external experts)		
08.45	Arrival at Kazan Federal University		Main building, KFU, Kremlyovskaya st., 18
09.00 – 11.00	Internal preparatory meeting of expert teams	Expert teams	Room 336
11.00 – 12.00	Meeting of expert teams with University Administration and heads of structural subdivisions	Vice Rector for Academic Affairs, Director for International Cooperation department, Director of department of methodological support and monitoring of process in training, Directors of institutes, Expert teams	Room 335
12.10 – 12.30	Visiting library	Expert teams	Library
12.30 – 14.00	Lunch		Café, Hayal Hotel
14.00 – 14.50	Guided tour on the labs of Institute of Environmental Sciences in the main building of KFU		
14.50 – 15.00	Transfer to building №32: Tovarischeskaya st., 5		
15.10 – 16.00	Meeting with Institute Director, Deputy Directors	Expert team, Institute Director, Deputy Directors	Room 212
16.00 – 16.15	Coffee-break		Room 222
16.15 – 17.15	Meeting with programme management (academic and administrative staff)	Deputy Director for Academic Affairs, master programme Coordinator, Head of department of General Ecology, Head of department of Ecosystem Modelling, Expert team	Room 212
17.15 – 17.45	Review of exam materials and thesis	Expert team	Room 222

Time	Event	Participants	Venue
17.45 – 18.15	Guided tour on the University premises (visiting lecture rooms, labs, equipment)		
18.15 – 18.30	Internal meeting of expert team	Expert team	Room 222
20.00	Dinner at the hotel (for the external experts)		Café, Hayal Hotel
15 March, Wednesday			
08.30	Meeting in the hotel lobby. Transfer		
09.00	Arriving at the campus № 32		Tovarischeskaya st., 5
09.00 – 09.15	Internal meeting of expert team	Expert team	Room 222
09.15 – 10.15	Meeting with students	Students, Expert team	Room 212
10.15 – 10.30	Coffee break	Expert team	Room 222
10.30 – 12.00	Meeting with teaching staff	Teaching staff, Expert team	Room 212
12.00 – 12.30	Additional meeting on request	Expert team	Room 212
12.30 – 12.45	Transfer		
12.45 – 14.00	Lunch		Café, Hayal Hotel
14.00 – 14.10	Transfer to the main building of KFU: Kremlyovskaya st., 18		
14.10 – 16.00	Internal meeting of expert team. Filling out the assessment forms	Expert teams	Room 336
16.00 – 17.00	Feedback to programme management (Final meeting of Expert teams with Kazan University representatives)	Representatives of the University, expert teams	Room 335
17.00 – 17.30	Free communication with experts		
20.00	Dinner at the hotel (for the external experts)		