



SUMMARY REPORT OF THE EXTERNAL EVALUATION

of the cluster of educational programmes in

- "Biology" (020400.62, 020400.68),
- "Soil Science" (021900.62),
- "Aquatic Bioresources and Aquaculture" (111400.62, 111400.68),

delivered by the Federal State Budgetary Educational
Institution «Dagestan State University»

While preparing this Summary Report we used information from the Self-Evaluation Report and the Report on the External Review of the cluster of educational programmes in "Biology" (020400.62, 020400.68), "Soil Science" (021900.62), "Aquatic Bioresources and Aquaculture" (111400.62, 111400.68), delivered by the Federal State Budgetary Educational Institution "Dagestan State University".

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

CONTENTS

GENERAL INFORMATION ON EDUCATIONAL INSTITUTION	4
INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION	5
ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMMES	7
EXTERNAL REVIEW PANEL	9
COMPLIANCE OF THE EXTERNAL REVIEW OUTCOMES WITH THE NCPA'S STANDARDS	10
DISTRIBUTION DIGRAM OF THE EXTERNAL REVIEW OUTCOMES	18
CONCLUSION OF THE EXTERNAL REVIEW PANEL	19
SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL	20
LIST OF THE PARTICIPANTS OF THE MEETINGS	22

GENERAL INFORMATION ON EDUCATIONAL INSTITUTION

Full name of the educational institution	<i>Federal State Budgetary Educational Institution of Higher Professional Education "Dagestan State University" ("DSU")</i>
Founders	<i>Ministry of Education and Science of the Russian Federation</i>
Year of foundation	<i>1931 – Dagestan Pedagogical Institute 1957 – Dagestan State University</i>
Current state accreditation status:	
Type	<i>Educational Institution of Higher Professional Education</i>
Location	<i>Republic of Dagestan, Makhachkala, Gadzhiyev Street, 43 «a»</i>
Rector	<i>Doctor of Physical and Mathematical Sciences, professor Rabadanov Murtazali Hulataevich</i>
License	<i>Series AAA №002178 reg. № 2083 dated from 31.01.2011 permanent</i>
State Accreditation	<i>Certificate of State Accreditation Series 90A01 №0000586 reg. №0582 of 24.04.2013 valid till 24.04.2019</i>
Number of students	<i>17302 among them: full-time 9432 on-site and off-site 60 part-time 7810</i>

INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	<i>"Biology" (020400.62, 020400.68), "Soil Science" (021900.62), "Aquatic Bioresources and Aquaculture" (111400.62, 111400.68)</i>
Level of training / Standard period of training	<i>Bachelor's degree programme / 4 года Master's degree programme / 2 года</i>
Structural subdivisions (head)	<i>Faculty of Biology (Cand. Sc. Biology, assistant professor Khalilov Rustam Abdurazakovich)</i>
Major departments (heads of major departments)	<i>Department of Botany (Cand. Sc. Biology, professor Magomedova Madina Abdulmalikovna) Department of Zoology (Cand. Sc. Biology, professor Ramazanov Khabib Magomedovich) Department of Ichthyology (Cand. Sc. Biology, professor Rabazanov Nukhkadi Ibragimovich) Department of Anatomy, Physiology and Histology (Cand. Sc. Biology, professor Gabibov Magomed Magomedovich) Department of Plant Physiology and Evolution Theory (Cand. Sc. Biology, assistant professor Alieva Zarina Magomedrasulovna) Department of Biochemistry and Biophysics (Cand. Sc. Biology, assistant professor Khalilov Rustam Abdurazakovich) Department of Soil Science (Cand. Sc. Biology, professor Zalibekov Zalibek Gadzhievich) Department of Forest Science (Cand. Agric, assistant professor Abdurakhmanov Abdurakhman Astarkhanovich)</i>
Date of the site visit	<i>September 16-18, 2014</i>
Person responsible for public accreditation of the study programme	<i>Head of the International Communication Department Giraev Kamal Magomedovich</i>

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

Indicators	2014
Cluster of the educational programmes "Biology" (020400.62, 020400.68), "Soil Science" (021900.62), "Aquatic Bioresources and Aquaculture" (111400.62, 111400.68)	
Number of the given programmes in the RF	294
Number of higher educational institutions to offer the given programmes	143
Number of programmes – winners of the project (% from total amount of these programmes offered in the RF)	34 (12%)
Republic of Dagestan	
Number of the given programmes offered in the region	9
Number of programmes – winners of the project (% from total amount of these programmes offered in the region)	6 (67%)
Number of higher educational institutions and subsidiaries in the region	51
Total number of programmes offered in the region	241
Total number of programmes – winners of the project (% from total amount of these programmes offered in the region)	39 (16%)

REFERENCE DATA ON STUDENT ENROLLEMENT FOR PROGRAMMES



ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMMES

Quality of the delivered educational programmes

In 2013 educational programme in "Biology" was put into the reference book "Best Educational Programmes of Innovative Russia".

Major peculiarity of educational programmes under accreditation is student-centered education. Selection among students and graduates is carried out annually in order to assess the quality of education and professional level of the teaching staff.

Teaching staff (competence of the teaching staff)

The Faculty of Biology comprises 55 teachers: 15 Doctors of Science (27%), 40 Candidates of Science (73%). The total amount of teachers with titles is 100%.

Professor of the Department of Biochemistry and Biophysics E.Z. Emirbekov is a member of editorial board of the scientific review "Neurochemistry" (RAS publishing house), included in the citation system SCOPUS, ISI, RSCI, HAC list, with impact-factor 0,427.

Head of the Department of Soil Science, professor Z.G. Zalibekov is a main editor of the magazine "Arid ecosystems", included in HAC list, RSCI citation system в систему, with impact-factor 0,227, and a president of the Russian society of biological resources.

Employability of graduates

Analysis of statistical data on the employment of graduates of the Faculty of Biology shows a high in-demand at the labour market. About 30% of employed graduates work in secondary and high educational institutions of the Republic of Dagestan, 14% – in research institutions, 26% - in state and municipal health care institutions, 20% – at enterprises of private and joint type of ownership, 10% – in ministries and authorities.

Provision of up-to-date education

In order to ensure competitiveness of the Faculty of Biology at the labour of educational services and in-demand of graduates at the labour market the Faculty carries out periodic correction of objectives of educational programmes with account of changes in requirements of employers and strategic partners.

Scientific activity

Four scientific schools function at the Faculty of Biology:

- Marine biology. Head – Magomaev F.M., Doctor of Biological Sciences, professor;
- Physiological and biochemical fundamentals of hypometabolic state of mammals. Head – Emirbekov E.Z., Doctor of Biological Sciences, professor;

- Study of morphogenesis and germs, organs and structures health in difficult conditions and norm of reaction of a genotype. Head – Yusufov A.G., Doctor of Biological Sciences, professor;
- Arid soil-forming. Head – Zalibekov Z.G., Doctor of Biological Sciences, professor, head of the Department of Soil Science.

The total number of citations of teachers of the Faculty of Biology in the RSCI system is 560.

Material and technical base

There are 54 classrooms including 4 lecture rooms. The total number of people is 780. 50% of classrooms are equipped with modern multimedia equipment. Each of 8 departments of the Faculty is provided with computers, printer, scanner, copying equipment and has access to the Internet. While using e-publications every student has a working place in a computer classroom with access to the Internet.

A scientific library of the University is one of the largest libraries in Russia and North-Caucasus. Library collection is 2 472 268 items, it includes national and foreign scientific, academic and reference literature in field-specific disciplines of courses and programmes. Over 250 items including electronic data storage devices are taken out annually.

Academic mobility of students

In 2012 Regulation on academic mobility of students, postgraduate students, teachers and scholars of the University was developed and approved. It specifies the order of preparation and organization of trips of postgraduate students, teachers and scholars in to Russian and foreign universities and research centers, the order of invitation of teachers and specialists of third organizations and institutions to participate in educational and research activities and other types of regulation of academic mobility. In 2014/15 a 4th year student of "Biology" Orus Khanova E.G. undertook internship at the Erciyes University (Turkey).

International projects

The Faculty of Biology of the Dagestan State University takes part in international project of the European Commission Европейской комиссии CASPINFO.

EXTERNAL REVIEW PANEL



Radojka Gligorić (Republic of Serbia)

Review Chair, foreign expert

Doctor of Agricultural Sciences, professor, Department of Soil Science, Faculty of Agricultural Sciences, the University of Novi Sad

a nominee of the Serbian Commission for Accreditation and Quality Assurance (CAQA)



Dmitry Vinohodov (Russia)

Deputy Review Chair, Russian expert

Doctor of Biological Sciences, professor, Department of Molecular Biology, Head of the Educational and Analytical Department, St. Petersburg State Technological Institute (technical university), member of the Guild of experts in the sphere of professional education

a nominee of the Guild of experts in the sphere of professional education



Snezana Oljaca (Republic of Serbia)

Panel member, foreign expert

Doctor of Agricultural Sciences, professor, Department of Agroecology and Cultural practices, Faculty of Agriculture, University of Belgrade, Director of Master degree programme "Environmental Protection in Agriculture"

a nominee of the Serbian Commission for Accreditation and Quality Assurance (CAQA)



Zuleiha Gamidova (Russia)

Panel member, representative of employers

Leading specialist, Department of Geological Information and Licensing, Ministry of Natural Resources and Ecology of the Republic of Dagestan

a nominee of the Ministry of Natural Resources and Environmental Protection of the Republic of Dagestan



Magomed Musaev (Russia)

Panel member, representative of students

1st year Master's degree student, Faculty of Biology and Chemistry, area of learning "Biological Education", Dagestan State Pedagogical University

a nominee of the National Centre for Public Accreditation



Timur Tabishev (Russia)

Russian expert, observer

Candidate of Pedagogical Sciences, assistant professor, Head of the Department of Education Quality Management, Kabardino-Balkaria State University named after H.M. Berbekov, member of the Guild of experts in the sphere of professional education

a nominee of the Guild of experts in the sphere of professional education

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

STANDARD 1. Policy (mission, vision) and procedures for quality assurance

Compliance with the standard: **substantial compliance**

Good practice

Objectives are well-defined and the development strategy of educational programmes is developed meeting the needs of potential employers and providing access to a quality education for students.

Objectives of educational programmes are conformed to the mission of the Faculty of Biology.

Quality management system developed by the University covers all the elements of educational programme and is used at all levels of University management from departments to rectorat and meets the requirements of standards and criteria of NCPA.

Areas for improvement:

- It is necessary to provide possibility of participation of representatives of employers and students in objectives correction and development strategy of educational programmes, as well in procedures of external and internal quality assurance.
- It is necessary to develop a plan on improvement procedures of electronic document flow and development of internal standards of processing papers.

STANDARD 2. Approval, monitoring and periodic review of study programmes

Compliance with the standard: **substantial compliance**

Good practice

Revision of working curriculum and programmes of course units is made on a regular basis. Not only the content of working programmes of disciplines but also methodic materials are reassessed.

Curricula and programmes provide to a full extent sequence and succession of the levels of education.

Intended learning outcomes notably formation of cultural and professional competencies are achieved by organization of classroom and independent work, research activity of students, as well as pedagogical, academic and research practice. In all curricula there are elective disciplines, special courses.

Areas for improvement:

- It is necessary to attract students including representatives of student self-governance bodies and youth organizations to the process of compilation and correction of the working curricula and programmes of the course units.
- Develop and implement procedures to attract employers to the process of compilation and correction of the working curricula and programmes of the course units.
- In the course of implementation of new federal educational standards (FSES-3+) it is necessary to revise filling of working modules in order to increase the share of workload on disciplines which form professional competencies. It is necessary to draw attention to a possibility of broadening the spectrum of analytical instrumental methods mastered by students in the course of education.
- Consider the possibility of division of learning cycles in the course of work experience.

STANDARD 3. Assessment of student learning outcomes / competencies

Compliance with the standard: **full compliance**

Good practice

Assessment of students' knowledge is carried out on the basis of a unique monitoring system created on the ground of point-rating system. The results of students' attestations are brought to the notice and can be controlled by parents through the Internet which is a sign of transparency of the process of education and assessment procedure of students' competence.

Assessment of students' knowledge is carried out by highly-qualified teachers; all teachers involved in educational programmes under accreditation have academic titles of a Candidate or a Doctor of Science.

Students of the educational programmes under accreditation take regular part in Olympiads, competitions «UMNIK» и «Archimedes», and in other procedures of external evaluation of learning outcomes.

Graduation papers of students are checked for the purpose of lawless borrowings with the help of the system "Anti plagiarism".

All graduates of educational Master programmes are awarded not only with education certificate but also European supplement to diploma. Since 2015 such a supplement will be awarded to graduates of a Bachelor programme.

Areas for improvement:

- It is necessary to take measures to increase academic mobility of students.
- Procedures of an independent assessment of learning outcomes should be used on a regular basis.
- There is need in organizing vacancy monitoring in state institutions and at enterprises of the region, integrate collected information at the site of the University and inform regularly senior students about the results.
- It is recommended to arrange regular job fairs inviting employers.

STANDARD 4. Quality assurance of teaching staff

Compliance with the standard: **substantial compliance**

Good practice

The Faculty of Biology comprises 55 teachers: 15 Doctors of Science (27%), 40 Candidates of Science (73%). The total amount of teachers with titles and degrees is 100%. Teachers annually participate in the work of regional, Russian and international scientific conferences. For the last 3 years about 200 articles were published in magazines from HAS list including 48 – in magazines included in databases «Scopus» and «Web of Science». 73 monographs and study guides (a large majority of them – classified by the Ministry of Education of RF were published during this period.

Teachers are periodically assessed by students in the course of anonymous surveys «Teachers from the point of view of students». Results of the survey have a high significance in making the rating of teachers and are taken into account in incentive compensation.

Teachers undertake regularly professional development at the DSU and central HEIs of the country including Moscow State University named after M.V. Lomonosov, Pushchino biological centre and others.

Areas for improvement:

- Inactive participation of foreign teachers in education of students.
- It is necessary to develop a plan to improve the system of academic mobility of the teaching staff.
- Reduce workload of teachers to boost research.
- Work out mechanisms of material stimulation of teachers undertaking professional development outside the Republic of Dagestan and participating in international scientific events.
- Organize language courses for teachers at the expense of the University.
- Give access to the leading specialists of profile enterprises and research organizations to the official management over graduation papers and Master's dissertations.

INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMMES

Gabibov Magomed Magomedovich

Doctor of Biological Sciences, head of the Department of Anatomy, Histology, Physiology, awarded with "Honoured Scientist of the Republic of Dagestan" and "Honoured Worker of Higher School of RF"

Klichkhanov Nisred Kadirovich

Doctor of Biological Sciences, professor, professor at the Department of Biochemistry and Biophysics, "Honoured Worker of Higher Professional Education"

Magomaev Felix Magomaevich

Doctor of Biological Sciences, professor, professor at the Department of Ichthyology, Honoured Fish Culturist of RF, award holder of the Government of RF in the sphere of science and technology, laureate of state prize of the Republic of Dagestan, Honoured Worker of fishing industry of RF, Honoured Worker of Higher Professional Education of RF

Magomedova Madina Abdulmalikovna

Doctor of Biological Sciences, head of the Department of Botany, Honoured Scientist of the Republic of Dagestan

Rabazanov Nukhkadi Ibragimovich

Doctor of Biological Sciences, assistant professor, professor at the Department of Ichthyology, Honoured Scientist of the Republic of Dagestan

Emirbekov Emirbek Ziyadovich

Doctor of Biological Sciences, professor, professor at the Department of Biochemistry and Biophysics, Honoured Scientist of the Republic of Dagestan, Honoured Scientist of RF, Honoured Worker of Higher Professional Education of RF

Yusufov Abdulmalik Gasamutdinovich

Doctor of Biological Sciences, professor at the Department of Plant Physiology and Evolution Theory

STANDARD 5. Learning resources and student support

Compliance with the standard: **substantial compliance**

Good practice

The University has unique infrastructure (training facilities, biological center, vivarium, biological museum, botanic garden, herbarium, aquatic complex, plant biotechnology laboratory, molecular biology laboratory), which serves as a basis for students' education in educational programmes under accreditation.

There are 54 classrooms including 4 lecture rooms. The total capacity is 780 people. 50% of classrooms are equipped with up-to-date multimedia equipment. Each of 8 departments of the Faculty is provided with computers, printer, scanner, copying equipment and has access to the Internet.

Students have access to computer classes in extracurricular time where they can carry out independent work.

A scientific library of the University is one of the largest libraries in Russia and North-Caucasus. Library collection is 2 472 268 items, it includes national and foreign scientific, academic and reference literature in field-specific disciplines of courses and programmes. Over 250 items including electronic data storage devices are taken out annually.

Areas for improvement:

- Small number of licensing contracts with electronic library systems. It is necessary to sign licensing contracts with major electronic library systems.
- In programme update of the strategic development of the University the events on creation the accessible environment of education for handicapped people should be foreseen.
- It is necessary to develop performance plan in implementation distance educational technologies.
- Short of new laboratory equipment, furniture, labware and chemicals used in the study process.
- It is necessary to foresee the measures to compensate to postgraduates students all the expenses incurred upon trips in order to defend a thesis in thesis boards outside the Republic of Dagestan.

STANDARD 6. Information system providing effective implementation of the study programme

Compliance with the standard: **substantial compliance**

Good practice

The University has an internal audit and monitoring system of students' performance, which includes current, intermediate and final attestations, surveys and ranking score system of the teaching staff. Monitoring results are brought to the notice of the staff as well as students and their parents.

A high level of training of the graduates of the University is recognized on a region scale. That is why graduates compete with success with graduates of other educational organizations of the region.

Areas for improvement:

- It is necessary to improve the system of information collection and processing about the situation at the labour market of the region.
- Intensify integration of intramural e-resources in order to create a common information system of the University.

Implement a common information and educational area for an effective realization of educational programmes under accreditation.

STANDARD 7. Public information

Compliance with the standard: **full compliance**

Good practice

Public information is carried out through the website of the University, television programmes, publications in a local press, and reference books for applicants.

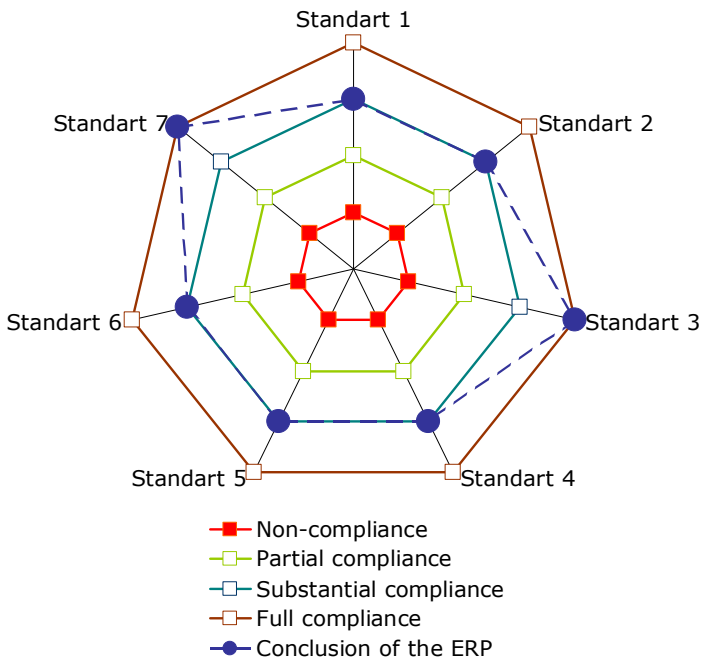
Besides the University's website there are such important information resources as its own television channel and print publications including scientific ones.

Parents have a possibility to control students' performance on-line.

Areas for improvement:

- Improve information system about employment and in-demand of graduates.
- Develop a plan to improve the positive image of the University in mass media.

DISTRIBUTION DIGRAM OF THE EXTERNAL REVIEW OUTCOMES



- Standard 1. Policy (mission, vision) and procedures for quality assurance
- Standard 2. Approval, monitoring and periodic review of programs and qualifications
- Standard 3. Assessment of student learning outcomes / competencies
- Standard 4. Quality assurance and competencies of teaching staff
- Standard 5. Learning resources and student support
- Standard 6. Information system providing effective implementation of the study program
- Standard 7. Public information

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 educational programmes "Biology" (020400.62, 020400.68), "Soil Science" (021900.62), "Aquatic bioresources and aquaculture" (111400.62, 111400.68), delivered by the Federal State Budgetary Educational Institution "Dagestan State University" substantially comply with the standards and criteria of public accreditation of the National Centre for Public Accreditation.

Among strong sides of educational programmes under accreditation the Expert Panel points out a high level of qualification of the teaching staff, accent of educational programmes on the needs of employers of the region, functioning of the open monitoring system, created on the basis of the point rating system, presence of unique infrastructure used in the study process.

Among major recommendations the panel considers it necessary to further improve the material and technical base of the study process, attention to the questions of enhancement of mobility of the teaching staff and students and improvement of graduates' employment.

The general impression of all experts about educational programmes under accreditation is positive, assessment of educational programmes under accreditation according to the standards and criteria did not arouse discord.

The External Review Panel recommends the National Accreditation Board **to accredit the educational programmes "Biology" (020400.62, 020400.68), "Soil Science" (021900.62), "Aquatic bioresources and aquaculture" (111400.62, 111400.68) for the period of 6 years.**

SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time	Activity	Participants	Venue
September 15			
Throughout the day	Meeting of the External Review Panel (ERP) members and coordinators of the review at the Airport, Makhachkala		Airport, Makhachkala
September 16			
08.15	Arrival at DSU		Administrative building, DSU
08.30–10.00	Training for the ERP members	ERP	Administrative building, DSU
10.00–10.15	Break		
10.15–11.15	Meeting of the ERP with the university administration and staff members responsible for accreditation	Rector, Vice-Rectors, Head, Department of International Relations, Head, Department of International Accreditation of the Educational Programmes, ERP	Administrative building, DSU conference hall
11.15–13.00	Excursion around the university	ERP	Faculty of Biology (BF), Scientific library, Biological Museum, scientific laboratories, CCU AS, SIE LLC "NIUTSA"
13.00–14.00	Lunch		
14.00–15.00	Meeting with staff members responsible for accreditation of the area of learning	Dean of the Faculty, Deputy Deans, staff members, responsible for accreditation of the area of learning, ERP	BF, room 64
15.00–15.30	Internal meeting of the ERP	ERP	BF, room 48
15.30–16.30	Meeting with chairs of departments	Chairs of departments, ERP	BF, room 64
16.30–17.00	Work with documentation	ERP	BF, room 48
17.00–18.00	Meeting with representatives of employers	Representatives of employers, ERP	BF, room 64
18.00–18.30	Internal meeting of the ERP	ERP	BF, room 48

Time	Activity	Participants	Venue
September 17			
09.45	Arrival at DSU		
10.00–11.30	Meeting with students, Bachelor's and Master's degree students	Students, ERP	BF, room 64
11.30–12.00	Internal meeting of the ERP	ERP	BF, room 48
12.00–13.00	Meeting with postgraduates and doctoral degree students	Postgraduates, doctoral degree students, ERP	BF, room 64
13.00–14.00	Lunch		
14.00–15.00	Meeting with teaching staff	Teaching staff, ERP	BF, room 64
15.00–16.00	Work with documentation	ERP	BF, room 48
16.00–17.00	Meeting with alumni	Alumni, ERP	BF, room 64
17.00–18.00	Internal meeting of the ERP	ERP	BF, room 48
September 18			
08.45	Arrival at DSU		
09.00–10.00	Attending classes (on request of the ERP members)	ERP	BF
10.00–13.00	Internal meeting of the ERP: discussion of preliminary results of the site visit, preparation of the oral report of the panel	ERP	BF, room 48
13.00–14.00	Lunch		
14.00–15.00	Closing meeting of the External Review Panel with DSU representatives	University administration, Dean of the Faculty of Biology, chair of the major departments, teaching staff, students, ERP	Administrative building, DSU conference hall

LIST OF THE PARTICIPANTS OF THE MEETINGS

HEI administration, responsible for accreditation:

Nº	Name	Position
1	Rabadanov Murtazali Khulataevich	Rector
2	Gasanov Magomed Magomedovich	Vice-rector for academic work
3	Girayev Kamal Magomedovich	Head of International Communication Department
4	Eminova Muminat Zakaryavna	Head of the Department of International Accreditation of Educational Programmes

People responsible for accreditation:

Nº	Name	Position
1	Khalilov Rustam Abdurazakovich	Dean of the Faculty of Biology, Head of the Department of Biochemistry and Biophysics, Cand. Biol. Sc., assistant professor.
2	Bekshokov Kerim Sultanbekovich	Subdean for academic work, assistant professor of the Department of Biochemistry and Biophysics, Cand. Biol. Sc.
3	Adzhieva Aida Izbulaevna	Subdean for research, assistant professor of the Department of Botany, Cand. Biol. Sc.
4	Abdullaeva Naida Murtuzalievna	Subdean for career guidance work, assistant professor of the Department of Anatomy, Physiology, Histology, Cand. Biol. Sc.

Representatives of professional community:

Nº	Name	Position
1	Omarov Kamil Zubairovich	Head of laboratory of animal ecology of the Caspian Region Institute of Biological resources, Dagestan Research Center, RAS, Doc. Biol. Sc.
2	Abdulzhapilova Gulbariyat Gadzhievna	Cand. Hist. Sc., director of the municipal budgetary educational institution "Makhachkala Multidisciplinary Lyceum №39, named after B.Astemirov"
3	Guseinova Zara Dzhabrailovna	Epidemiologist of epid department of "Plague Control Station"
4	Gamzaeva Svetlana Ramazanovna	Head of the Department of Forensic Processing "Dagestan forensic laboratory"
5	Murtazaliev Ramazan Alibegovich	Head of Laboratory of flora and plant resources of N.V. Tsitsin Main Botanical Garden of the Dagestan Scientific Centre RAS
6	Abdusamadov Akhma Saidbegovich	Director of the Dagestan Branch of KaspNIRKh, Doc. Biol. Sc.
7	Magomedov David Akhmednabievich	General director of CJSC "Dagestan industrial aquaculture", Doc. Eng. Sc.

Post-graduates and doctoral degree students:

Nº	Name
1	Ramazanova Madrizhat Galamudinovna
2	Khabieva Nadira Abdurashidovna
3	Magomedova Zumariyat Abdulagatovna
4	Magomedova Zumariyat Abdulagatovna
5	Makhmudova Mariyat Magomedovna
6	Magomedova Napisat Abdulaevna
7	Abdurakhmanova Elena Abdurakhmanovna
8	Al-Rabii Mokhammed Ali Mokhammed

Heads of Major Departments:

Nº	Name	Position
1	Khalilov Rustam Abdurazakovich	Head of the Department of Biochemistry and Biophysics, Cand. Biol. Sc., assistant professor
2	Magomedova Madina Abdulmalikovna	Head of the Department of Botany, Cand. Biol. Sc., professor
3	Alieva Zarina Magomedrasulovna	Head of the Department of Plant Physiology and Evolution Theory, Cand. Biol. Sc., assistant professor
4	Ramazanov Khabib Magomedovich	Head of the Department of Zoology, Cand. Biol. Sc., professor
5	Gabibov Magomed Magomedovich	Head of the Department of Anatomy, Physiology, Histology, Cand. Biol. Sc., professor
6	Rabazanov Nukhkadi Ibragimovich	Head of the Department of Ichthyology, Doc. Biol. Sc., professor
7	Zalibekov Zalibek Gadzhievich	Head of the Department of Soil Science, Doc. Biol. Sc., professor

Teaching staff:

Nº	Name	Position
1	Yarovenko Elena Viktorovna	Assistant professor of the Department of Botany
2	Pinyaskina Elena Vladimirovna	Assistant professor of the Department of Biochemistry and Biophysics
3	Omarova Zumrud Abakarovna	Assistant professor of the Department of Plant Physiology and Evolution Theory
4	Abdullaeva Naida Murtuzalievna	Assistant professor of the Department of Anatomy, Physiology, Histology
5	Sheikhova Rukiyat Gadzhimuradovna	Assistant professor of the Department of Biochemistry and Biophysics
6	Abdullaev Vagab Rafikovich	Assistant professor of the Department of Biochemistry and Biophysics
7	Shakhnazarova Aminat Bakhtiyarovna	Assistant professor of the Department of Ichthyology
8	Abdullaev Khizri Tinamagomedovich	Assistant professor of the Department of Ichthyology
9	Chalaeva Salimat Alilovna	Assistant professor of the Department of Ichthyology
10	Gasanova Nargyz Saidovna	Assistant professor of the Department of Zoology
11	Biarlanov Akhmed	Assistant professor of the Department of Soil Science
12	Adzhieva Aida Izbulaevna	Assistant professor of the Department of Botany

Students:

Nº	Name	Field of study	Year
1	Abdulaeva Sapiyat Abubakarovna	"biology"	2
2	Gazieva Malikat Isaevna	"biology"	2
3	Magomedova Marziyat Khizrievna	"soil science"	2
4	Imamova Aina Imamovna	"aquatic bioresources and aquaculture"	2
5	Klusova Diana Pavlovna	"aquatic bioresources and aquaculture"	2
6	Ramazanova Siyanat Ramazanovna	"biology"	3
7	Alibekova Diana Magomedtagirovna	"biology"	3
8	Ramazanova Emina Lazirovna	"aquatic bioresources and aquaculture"	3
9	Gaziev Omaraskhab Abdulaevich	"aquatic bioresources and aquaculture"	3
10	Kurbanova Madina Murvetovna	"soil science"	3
11	Osmanova Mesedu Magomedovna	"soil science"	3
12	Gafurova Saida Sagidovna	"biology"	4
13	Dzhaliev Arslan Абдуразакович	"biology"	4
14	Emirgamzaeva Gyulperi Nusretovna	"aquatic bioresources and aquaculture"	4
15	Iminov Ali Magomedovich	"aquatic bioresources and aquaculture"	4
16	Abdullaeva Roksana Zilpukarovna	"soil science"	4

17	Magomedova Nelli Azizovna	"soil science"	4
18	Bagomedova Naida Nasrullaevna	"biology"	5
19	Abdullaev Aminat Abubakarovna	"biology"	5
20	Gasanova Zuri	"biology"	5
21	Abudsalamova Zarema Rabadanovna	"biology"	5
22	Chalabov Shamil Ismailovich	"biology"	5
23	Khasanbekov Salimkhan Muradovich	"soil science"	5
24	Asadulaeva Rukhsarakhanum Y.	Master's programme "biology"	2
25	Gasasaeva Raziya Magomedovna	Master's programme "biology"	2
26	Fetieva Valida Edikovna	Master's programme "biology"	2
27	Omarov Rizvan Rizvanovich	Master's programme "biology"	1
28	Gasanova Azra Magomednurovna	Master's programme "biology"	1
29	Radzhabova Myminat Magomedovna	Master's programme "Aquatic bioresources and aquaculture"	2
30	Kurbanismailov Akhmed Magomedovich	Master's programme "Aquatic bioresources and aquaculture"	2

Graduates:

№	Name	Place of work	Position
1	Khidaev Gadzhy Zhamudinovich	Federal State Institution "Dagestan Forensic Laboratory"	Expert
2	Rakitina Elena Rostislavovna	"RusHydro"	Engineer-ecologist of work safety service and production supervision
3	Bammatmurzaeva Dzhamilya Magomedsaidovna	Federal State Budgetary Educational Institution "Dagestan State University"	Research technician of the Department of Anatomy, Physiology, Histology
4	Davudmagomedova Albina Abdurakhmanovna	State Budgetary Institution of the Republic of Dagestan "Maternity hospital №2"	Medical technologist
5	Suleimanova Pariza Ikramovna	Private clinics "Alisa"	doctor-laboratory assistant
6	Yarovenko Aleksander Yurievich	Caspian Institute of Biological Resources of the Dagestan Scientific Centre RAS	laboratory assistant
7	Makukha Elizaveta Magomedovna	PDO "Center of young natural scientists"	Pedagogue of further education
8	Alieva Dinara Nurutdinovna	CRKB of RD	Biologist- laboratory assistant
9	Abdulzhalilovna Dzhamilya Akhmedkhanovna	Federal State Autonomous Educational Institution of Higher Professional Education "Southern Federal University"	Head of laboratory
10	Aliguseinova Nazima Ramidinovna	Centre of distance education for disabled children	Teacher of biology
11	Mamalieva Maina Magomedragimovna	Caspian Institute of Biological Resources of the Dagestan Scientific Centre RAS	Laboratory assistant
12	Alimova Veronika Eskendarovna	Federal State Healthcare Institution "Dagestan Plague Control Station"	Laboratory assistant
13	Butaeva Aminat Kamilovna	DO KAspHIRKh	Laboratory assistant
14	Karaev Arsen Bagaudinovich	FSBI "Zapkasrybvod"	Deputy director
15	Shikhaliev Alfred Velibegovich	FSBI "Zapkasrybvod"	Head of the Department
16	Kasumova Nuriyat Kasumovna	FSI "Dagestan forensic laboratory"	Expert