



## **The External Evaluation Report of a Doctoral Study Domain University of Oradea**



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## I. Introduction<sup>1</sup>

This report informs about the context, process and outcomes of the evaluation of the Geography Doctoral Study Domain of the University of Oradea. This programme is regulated by the Romanian Government Decision No. 681 of 29 June 2011 on the approval of the Code of Doctoral Studies, with subsequent amendments and additions.

The evaluation was conducted by an Expert Panel recruited by the Romanian Agency for Quality Assurance in Higher Education (ARACIS), whose composition is listed in Table 1. The process is based on the provisions of

- the Government Emergency Ordinance no. 75/2005 on Quality Assurance of Education, approved with amendments and additions by Law No 87/2006, as amended and supplemented subsequently (in particular Articles 10, 13 and 29), and
- Order 3651 of 12.04.2021 of the Minister of Education to approve the Methodology for evaluation of doctoral studies and the systems of criteria, standards and performance indicators used in the evaluation and the systems of criteria, standards and performance indicators used in the evaluation.

Table 1. Composition of the Evaluation Panel.

Geografie / Geography-C1		
1	<b>Coordinator</b> Prof. Dr. Mihailă Dumitru	Universitatea "Ștefan cel Mare" Suceava
2	<b>International expert</b> Prof. Dr. Fra Paleo Urbano	University of Extremadura, Spain
3	<b>PhD student</b> Simion Alina-Mihaela	Universitatea din București

The evaluation was performed from 15/11/2021 to 22/11/2021, and adopted a hybrid mode, based on both online meetings with key actors and completed with on-site visits. The on-site visit to the University of Oradea took place from 18/11/2021 to 19/11/2021, and was delivered by the Coordinator of the Expert Panel.

The Doctoral School of Geography is one of the seven doctoral schools of the University of Oradea, and has Geography as a single doctoral field. There are five advisors in the programme, four of them hold the position of Prof.univ.dr. habil. and one of Prof.univ.dr. Currently, academic year 2021-2022, 29 PhD students are enrolled in the programme. Since the establishment of the Doctoral School in 2011-2012, 11 students have reached the PhD degree.

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<sup>1</sup> Each time when applicable the information shall be presented gender-wise.



## II. Methods used

The method adopted for the evaluation included the following instruments:

- Self-assessment report
- Background information
- Meetings and discussions with actors related with the Doctoral School under review
- On-site visit and documentation

Both the self-assessment report and the background information were available on-line in the site <https://cloud.aracis.ro/owncloud/index.php/login>, accessible only through limited access. While the report was written in English, the rest of the background information, as well as documentation from the on-site visit, was written in Romanian.

The meetings and discussions took place using the Zoom platform. The connection was always good and there was a translation system Romanian-English that worked appropriately, and only experienced minor temporary technical problems. The coordinator, who delivered the on-site visit, submitted the various documents to the other members of the evaluation panel.

Additionally, the Romanian Agency for Quality Assurance in Higher Education ARACIS distributed among the evaluators the following documents in English:

- Evaluation timetable
- Composition of the evaluation panels
- Code of ethics and rules of conduct in the activities carried out by ARACIS regarding the quality assurance and assessment in higher education in Romania (3<sup>rd</sup> ed.)
- Guide on conducting the process of Periodic External Evaluation of Doctoral Study Domains
- Guidelines regarding the activities carried out during the on-site visit
- List of the domains, criteria, standards, and the list of critical performance indicators for the periodical external evaluation of Doctoral Study Domains
- Doctoral Studies Code of June 29<sup>th</sup>, 2011
- Key features of the Romanian education system, with the legal framework

The self-assessment report was complete enough to allow the understanding of the institutional context of the programme. It includes information about the Doctoral School of Geography, the Geography domain, the functioning of the internal quality assurance system at the level of the doctoral school, and the evidences to support the claim of the fulfilment of the multiple criteria against which the programme is evaluated. The document provides the information necessary to evaluate the programme according to the criteria. It should be observed that it contains some pieces of redundant information from various sources that shows a lack of consolidation or review. The references to other sources of information as links to web pages where not useful to an external evaluator not proficient in Romanian, as they are mostly written in this language.

The evaluation was preceded by an introduction and discussion to harmonize the process and the use of common procedures, as well as from key actors of the university system. It should be noted that interaction with evaluators in this first section was limited in time and scope, favouring long discourses by acting representatives in the various presentations. A more fluent dialogue and discussion on specific issues to be evaluated would be more recommendable in order to enable a better understanding of the context by the evaluators. This observation can be extended to the whole evaluation process, as long and sometimes out-of-focus presentations by representatives from some sectors, and frequent out-of-focus responses to formulated questions have been common.



The various sessions gave the opportunity to learn about the point of view of multiple sectors -supervisors, directors of research centers and laboratories, Doctoral Schools Council, PhD students, graduated students, businesses as employers-, and questions by evaluators could be formulated to better understand the various dimensions of the PhD programme.



### **III. Analysis of ARACIS's performance indicators**

#### ***Domain A. INSTITUTIONAL CAPACITY***

The research activity is regulated at the UO's level by a dedicated regulation (Annex I.29), the Regulation on the organization, functioning and financing of scientific research (ROFFCS) and is coordinated by the Research Council of the Board of Directors (C-CDI) (Annex I.30) and the Senate Scientific Research Committee (CC) (Annex I.31). From an administrative point of view, at the UO level there is a vice-rector with research activity, who is also the president of C-CDI, under whose subordination is the Bureau of Programs and Projects of RDI (BPPCDI) which deals with the management of research activity at the university; at the level of faculties, the administrative coordination is done by a vice-dean or a person in charge of the research activity on the faculty. An important part of the scientific research is carried out in the doctoral schools under the coordination of the Council for Doctoral Studies. Within the UO there are 18 doctoral fields: Engineering and management, Electrical engineering, Industrial engineering, Energy engineering, Electronic engineering, Telecommunications and Information Technologies, Economics, Business administration, Finance, Medicine, Biology, Pharmacy, History, Philology, Theology, Geography, Sociology, Agronomy, Mathematics.

The Research Centers are organizational structures subordinated to the departments, faculties or, at a central level, of the UO. Within the UO, a number of 29 institutionally certified research centers carried out their activity in the period 2015-2019 (Annex I.32) with a number of 614 researchers, and the Center for Interdisciplinary Studies (Annex I.33) is under the auspices of the Romanian Academy. Within the UO there are 2 institutional research centers: "National Center for Geothermal Research" and "Fruit Research-Development Station". A specific procedure has been established for the evaluation of research centers (Annex I.34).

The Research Strategy is a distinct part of the Strategic Development Plan (Annex I.4) of the UO and is found at the level of research centers and faculties. The research directions of UO with relevance for the research activity are: New energy sources (geothermalism); Modern manufacturing systems; Cross-border and regional cooperation; Tourism and landscaping; Establishing environmental risk factors; Transfusion medicine; Economic competitiveness and sustainable development.

#### **Criterion A.1. The administrative, managerial institutional structures and the financial resources**

I.O.S.U.D.-The University of Oradea is a higher education institution accredited to organize doctoral studies in 18 doctoral fields, organized in 7 doctoral schools, both in the form of full-time education and in the part-time form.

The doctoral university study programs operate in accordance with the national legislation and meet the quality criteria imposed by the national regulations.

Details regarding the organization of doctoral university studies can be viewed by accessing the page <https://doctorat.uoradea.ro/ro>, and the related statistical situations are presented in this Annual Report of the director of the C.S.U.D., for the year 2020.



Currently, within the University of Oradea there are 7 Doctoral Schools within the structure of the faculties that manage the 18 doctoral fields, as follows:

- Doctoral School of Humanities and Arts - doctoral fields Philology and Theology, within the Faculty of Letters;
- Doctoral School of Geography - doctoral field Geography, within the Faculty of Geography, Tourism and Sports;
- Doctoral School of History - the doctoral field of History, within the Faculty of History, International Relations, Political Sciences and Communication Sciences;
- Doctoral School of Sociology - doctoral field of Sociology, within the Faculty of Socio-Human Sciences;
- Doctoral School of Biomedical Sciences - doctoral fields of Biology, Pharmacy and Medicine, within the Faculty of Medicine and Pharmacy;
- Doctoral School of Economic Sciences - doctoral fields Business Administration, Economics and Finance, within the Faculty of Economic Sciences;
- Doctoral School of Engineering Sciences - doctoral fields Agronomy, Electrical Engineering, Electronic Engineering, Telecommunications and Information Technologies, Energy Engineering, Industrial Engineering, Engineering and Management and Mathematics, within the Faculty of Managerial and Technological Engineering.

The activity within the I.O.S.U.D.-University of Oradea is coordinated by the Council of Doctoral Studies (C.S.U.D.), which is led by a Director. Doctoral schools are structures similar to the departments being set up within the faculties, that manage the doctoral fields. The structure that coordinates the activity of the Doctoral Schools is the Doctoral School Council (CSD), led by a director. The secretarial activity is carried out within the Secretariat of Doctoral University Studies (SSUD) composed of a chief secretary and secretary.

*Standard A.1.1. The institution organizing doctoral studies (IOSUD) has implemented the effective functioning mechanisms provided for in the specific legislation on the organization of doctoral studies.*

The activity within IOSUD - University of Oradea is carried out in accordance with the provisions of national legislation and internal regulations (<https://doctorat.uoradea.ro/ro/documente/reglementari>).

**Performance Indicator A.1.1.1.** *The existence of specific regulations and their application at the level of the Doctoral School of the respective university doctoral study domain:*

- (a) the internal regulations of the Doctoral School;*
- (b) the Methodology for conducting elections for the position of director of the Council of doctoral school (CSD), as well as elections by the students of their representative in CSD and the evidence of their conduct;*
- (c) the Methodologies for organizing and conducting doctoral studies (for the admission of doctoral students, for the completion of doctoral studies);*
- (d) the existence of mechanisms for recognizing the status of a Doctoral advisor and the equivalence of the doctoral degree obtained abroad;*
- (e) functional management structures (Council of the doctoral school), giving as well proof of the regularity of meetings;*
- (f) the contract for doctoral studies;*



g) *internal procedures for the analysis and approval of proposals regarding the training for doctoral study programs based on advanced academic studies.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

Increase the efforts for posting all the essential information (including in English) for both Romanian or foreign audiences in the website of the Doctoral School of Geography in a comprehensive, transparent, and accessible way. Increasing the attractiveness, efficiency, usefulness and consistency of the information in the site.

***The indicator is fulfilled.***

***Performance Indicator A.1.1.2.*** *The doctoral school' Regulation includes mandatory criteria, procedures and standards binding on the aspects specified in Article 17, paragraph (5) of the Government Decision No. 681/2011 on the approval of the Code of Doctoral Studies with subsequent amendments and additions.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

The regulations of the Doctoral School of Geography, including the Code of doctoral studies, with subsequent amendments, should be posted in a visible place on the page <https://doctorat.uoradea.ro/ro/domenii-de-doctorat-6/domeniu-geografie>

***The indicator is fulfilled.***

*Standard A.1.2.* *The IOSUD has the logistical resources necessary to carry out the doctoral studies' mission.*

According to the provisions of the Operational Procedure regarding the evaluation of doctoral students (<https://www.uoradea.ro/display17187>), art.8.2.3.18., each doctoral thesis to be sustained publicly will be accompanied by both the Antiplagiarism Report generated by the Sistemantiplagiat software .ro as well as the Resolution of the doctoral supervisor on the similarity report (Annex 13 of the OP), the opinion of the doctoral school on the anti-plagiarism verification (Annex 12 of the OP) and the Declaration of authenticity of the doctoral thesis (Annex 18 of the OP), assumed by the doctoral student and the scientific coordinator.

***Performance Indicator A.1.2.1.*** *The existence and effectiveness of an appropriate IT system to keep track of doctoral students and their academic background.*





- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Recommendations:

Ensure the continuous operation and accessibility of the platform.

**The indicator is fulfilled.**

**Performance Indicator A.1.2.2.** *The existence and use of an appropriate software program and evidence of its use to verify the percentage of similarity in all doctoral theses.*

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Recommendations:

Not applicable.

**The indicator is fulfilled.**

*Standard A.1.3. The IOSUD makes sure that financial resources are used optimally, and the revenues obtained from doctoral studies are supplemented through additional funding besides governmental funding.*

The programme has informed about research grants and institutional development grants.

**Performance Indicator A.1.3.1.** *Existence of at least one research or institutional / human resources development grant under implementation at the time of submission of the internal evaluation file, per doctoral study domain under evaluation, or existence of at least 2 research or institutional development / human resources grant for the doctoral study domain, obtained by doctoral thesis advisors operating in the evaluated domain within the past 5 years. The grants address relevant themes for the respective domain and, as a rule, are engaging doctoral students.*

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Recommendations:

Not applicable.

**The indicator is fulfilled.**

**Performance Indicator \*A.1.3.2.** *The percentage of doctoral students active at the time of the evaluation, who for at least six months receive additional funding sources besides government funding, through*



*scholarships awarded by individual persons or by legal entities, or who are financially supported through research or institutional / human resources development grants is not less than 20%.*

*- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

Increase the number of students funded and diversity of sources other than government funds.

***The indicator is fulfilled.***

***Performance Indicator \*A.1.3.3.<sup>2</sup>*** *At least 10% of the total amount of doctoral grants obtained by the university through institutional contracts and of tuition fees collected from the doctoral students enrolled in the paid tuition system is used to reimburse professional training expenses of doctoral students (attending conferences, summer schools, training, programs abroad, publication of specialty papers or other specific forms of dissemination etc.).*

*- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

Not applicable

***The indicator is fulfilled.***

## **Criterion A.2. Research infrastructure**

This criterion refers to the availability of spaces, equipment, instruments, software, data, bibliographic resources, and other means that allow researchers to successfully accomplish their research goals by being able to implement the planned methods and technique.

*Standard A.2.1. The IOSUD has a modern research infrastructure to support the conduct of doctoral studies' specific activities.*

Same as above.

***Performance Indicator A.2.1.1.*** *The venues and the material equipment available to the doctoral school enable the research activities in the evaluated domain to be carried out, in line with the assumed mission and objectives (computers, specific software, equipment, laboratory equipment, library, access to international databases etc.). The research infrastructure and the provision of research services are*

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<sup>2</sup> The indicators marked with an asterisk (\*) hold a special status, referring exclusively to the evaluation of doctoral studies domains, as per Article 12 from the annex No.1 of the Order of the minister of education No. 3651/12.04.2021 approving the Methodology for evaluating university doctoral studies and the system of criteria, standards and performance indicators used in the evaluation. In case they are not met, the Agency extends a period of maximum 3 years to IOSUD to correct the respective deficiencies.



presented to the public through a specific platform. The research infrastructure described above, which was purchased and developed within the past 5 years will be presented distinctly.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

Identify additional funding sources to purchase the required instrumental equipment and computer software to support fundamental and applied research.

***The indicator is fulfilled.***

### **Criterion A.3. Quality of Human Resources**

Information on the qualifications of doctoral supervisors, courses taught, highest impact publications, scores achieved, students supervised, as well as their level of fulfilment of required criteria, has been provided.

*Standard A.3.1. At the level of each domain there are sufficient qualified staff to ensure the conduct of doctoral study program.*

This has been an issue highly discussed, taking into account the information provided in the report, and the questions formulated.

***Performance Indicator A.3.1.1. Minimum three doctoral thesis advisors within that doctoral domain, and at least 50% of them (but no less than three) meet the minimum standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the time when the evaluation is carried out, which standards are required and mandatory for obtaining the enabling certification.***

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

Increase efforts to meet the CNATDCU minimum standards for doctoral management by a larger number of members of the Doctoral School of Geography. Additionally publication of articles international refereed journals and competing for national and EU funded research programmes should be encouraged. Increase the number of qualified doctoral supervisors (from their own team or by attracting specialists from other university/research institutions) to strengthen certain research fields, competitive enough to attract potential geography students.

***The indicator is fulfilled.***



**Performance Indicator \*A.3.1.2.** *At least 50% of all doctoral advisors have a full-time employment contract for an indefinite period with the IOSUD.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

Both SDG and managers of the Faculty of Geography, Tourism and Sports should encourage all geographers of the University of Oradea to apply for habilitation to increase the number of doctoral supervisors.

***The indicator is fulfilled.***

**Performance Indicator A.3.1.3.** *The study subjects in the education program based on advanced higher education studies pertaining to the doctoral domain are taught by teaching staff or researchers who are doctoral thesis advisors / certified doctoral thesis advisors, professors / CS I or lecturer / CS II, with proved expertise in the field of the study subjects they teach, or other specialists in the field who meet the standards established by the institution in relation with the aforementioned teaching and research functions, as provided by the law.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

The annual updating of the subject sheets with the aim of following their complementarity and the correlation/adaptation of their contents with/to the students' research topics is encouraged.

***The indicator is fulfilled.***

**Performance Indicator \*A.3.1.4.** *The percentage of doctoral thesis advisors who concomitantly coordinate more than 8 doctoral students, but no more than 12, who are themselves studying in doctoral programs<sup>3</sup> does not exceed 20%.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

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<sup>3</sup> 3 years for the doctoral university studies with the duration stipulated at Article 159, paragraph (3), respectively 4 years for the doctoral university studies with the duration stipulated at Article 174, paragraph (3) of the Law of national education No.1/2011 with subsequent amendments and additions, with additional extension periods approved as per Article 39, paragraph (3) of the Code of doctoral studies approved by the GD No. 681/2011 with subsequent amendments and additions.



Not applicable

**The indicator is fulfilled.**

*Standard A.3.2. The Doctoral advisors within the domain are carrying out a scientific activity visible at international level.*

The members of the doctoral school of Geography have a good scientific portfolio of publishing and research, which gives them international visibility. Some scholars are editor-in-chief and member of editorial committees of scientific bodies and organizations in the field, or reviewers for specialized journals in the field of geography.

**Performance Indicator A.3.2.1.** *At least 50% of the doctoral thesis advisors in the evaluated domain have at least 5 Web of Science- or ERIH-indexed publications in magazines of impact, or other achievements of relevant significance for that domain, including international-level contributions that indicate progress in scientific research - development - innovation for the evaluated domain. The aforementioned doctoral thesis advisors enjoy international awareness within the past five years, consisting of: membership on scientific boards of international publications and conferences; membership on boards of international professional associations; guests in conferences or expert groups working abroad, or membership on doctoral defense commissions at universities abroad or co-leading with universities abroad. For Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall prove their international visibility within the past five years by their membership on the boards of professional associations, membership in organizing committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.*

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

Not applicable

**The indicator is fulfilled.**

**Performance Indicator \*A.3.2.2.** *At least 50% of the doctoral thesis advisors in a specific doctoral study domain continue to be active in their scientific field, and acquire at least 25% of the score requested by the minimal CNATDCU standards in force at the time of the evaluation, which are required and mandatory for acquiring their enabling certificate, based on their scientific results within the past five years.*

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*



Sustained efforts by the group of PhD supervisors from Oradea, given the existence of certain limiting factors for research in Romania, to maintain an unrelenting pace, to comply the standards imposed and to keep pace with their dynamism .

***The indicator is fulfilled.***

## **Domain B. EDUCATIONAL EFFECTIVENESS**

The effectiveness of the programme in terms of training for research has been addressed multiple times in the interviews, and evidences arguing about the accomplishment of the criteria in the report has been provided. This has been the object of concern of various comments by the evaluators, both oral and written.

### **Criterion B.1. The number, quality and diversity of candidates enrolled for the admission context**

While the number of candidates can be easily measured, their quality is not immediately self-evident. The indicators of quality may measure access, development or outcomes, and all cannot be accessible at the same time. Diversity is a parameter in the middle, it can be quantified, but its measurement may adopt multiple approaches.

*Standard B.1.1. The institution organizing doctoral studies has the capacity to attract candidates from outside the higher education institution or a number of candidates exceeding the number of seats available.*

This standard can be easily measured, as it has a quantitative nature and data can be collected to provide evidences.

***Performance Indicator \*B.1.1.1.*** *The ratio between the number of graduates of masters' programs of other higher education institutions, national or foreign, who have enrolled for the doctoral admission contest within the past five years and the number of seats funded by the state budget, put out through contest within the doctoral domain is at least 0.2 or the ratio between the number of candidates within the past five years and the number of seats funded by the state budget put out through contest within the doctoral studies domain is at least 1,2.*

*- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

It is recommended to make efforts to increase the number of funded students and to increase the attractiveness of the doctoral field Geography within UO, to attract Romanian/ foreign master graduates from other fields in the country and abroad; promoting the participation in the doctoral admission colloquium of multiple candidates.



***The indicator is fulfilled.***

*Standard B.1.2 Candidates admitted to doctoral studies demonstrate academic, research and professional performance.*

Sometimes this type of performance is not fully an indicator of future success, innovativeness or research capacity. Thus, the research plan should have a more critical role in their selection, as well as its explanation in a convincing way.

***Performance Indicator \*B.1.2.1.*** Admission to doctoral study programs is based on selection criteria including: previous academic, research and professional performance, their interest for scientific or arts/sports research, publications in the domain and a proposal for a research subject. Interviewing the candidate is compulsory, as part of the admission procedure.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

Not applicable

***The indicator is fulfilled.***

***Performance Indicator B.1.2.2.*** The expelling rate, including renouncement / dropping out of doctoral students 3, respectively 4, years after admission<sup>4</sup> does not exceed 30%.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

To select candidates taking into close consideration the criteria for admission in order to reduce the percentage of drops or exclusion.

Monitoring by the coordinator and the members of the commission to measure the progress made by the doctoral candidate, identifying the critical steps and taking appropriate mitigation measures to overcome the barriers.

***The indicator is fulfilled.***

## **Criterion B.2. The content of doctoral programs**

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<sup>4</sup> 3 years for the doctoral university studies with the duration stipulated at Article 159, paragraph (3), respectively 4 years for the doctoral university studies with the duration stipulated at Article 174, paragraph (3) of the Law of national education No. 1/2011 with subsequent amendments and additions.



This issue has been extensively examined and questions to all types of stakeholders have been formulated to clarify the focus and purpose of the training programme.

*Standard B.2.1. The training program based on advanced university studies is appropriate to improve doctoral students' research skills and to strengthen ethical behavior in science.*

This criterion is very relevant as the skills of the PhD students are very dependent on this standard.

**Performance Indicator B.2.1.1.** *The training program based on advanced academic studies includes at least 3 disciplines relevant to the scientific research training of doctoral students; at least one of these disciplines is intended to study in-depth the research methodology and/or the statistical data processing.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

A realignment of the courses in the programme to focus more on skills rather than on contents would be advisable.

**The indicator is fulfilled.**

**Performance Indicator B.2.1.2.** *At least one discipline is dedicated to Ethics and Intellectual Property in scientific research or there are well-defined topics on these subjects within a discipline taught in the doctoral program.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

Not applicable

**The indicator is fulfilled.**

**Performance Indicator B.2.1.3.** *The IOSUD has mechanisms to ensure that the academic training program based on advanced university studies addresses „the learning outcomes”, specifying the knowledge, skills, responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities<sup>5</sup>.*

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<sup>5</sup> Or by what the graduate should know, understand and to be able to do, according to the provisions of the Methodology of 17 March 2017 regarding inscription and registration of higher education qualifications in the National Register of Qualifications in Higher Education (RNCIS) approved by the Order No.3475/2017 with subsequent amendments and additions.





- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

Some changes in the discipline syllabus are recommended:

- a more specific identification of the objectives of the courses,

- a more clear identification of achieved skills, that would make graduates more independent researchers,

- a more clear identification of the minimum standards that students must meet in their assessments

**The indicator is fulfilled.**

**Performance Indicator B.2.1.4.** All along the duration of the doctoral training, doctoral students in the domain receive counselling/guidance from functional guidance commissions, which is reflected in written guidance and feedback or regular meeting.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

Not applicable

**The indicator is fulfilled.**

**Performance Indicator B.2.1.5.** For a doctoral study domain, the ratio between the number of doctoral students and the number of teaching staff/researchers providing doctoral guidance must not exceed 3:1.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

Not applicable

**The indicator is fulfilled.**

**Criterion B.3. The results of doctoral studies and procedures for their evaluation.**

Impact of research activity and research training of the PhD candidates should be measured to help understand if the programme is reaching the planned objectives.

*Standard B.3.1. Doctoral students capitalize on the research through presentations at scientific conferences, scientific publications, technological transfer, patents, products and service orders.*



Publication of results and discussion with colleagues in the academy is a critical and central action in research to contrast results, methods and approaches and validate their coherence.

**Performance Indicator B.3.1.1.** *For the evaluated domain, the evaluation commission will be provided with at least one paper or some other relevant contribution per doctoral student who has obtained a doctor's title within the past 5 years. From this list, the members of the evaluation commission shall randomly select 5 such papers / relevant contributions per doctoral study domain for review. At least 3 selected papers must contain significant original contributions in the respective domain.*

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

It is recommended to significantly increase the efforts to publish more articles in foreign journals with an impact factor (FI) and reach greater visibility.

**The indicator is fulfilled.**

**Performance Indicator \*B.3.1.2.** *The ratio between the number of presentations of doctoral students who completed their doctoral studies within the evaluated period (past 5 years), including posters, exhibitions made at prestigious international events (organized in the country or abroad) and the number of doctoral students who have completed their doctoral studies within the evaluated period (past 5 years) is at least 1.*

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

*Recommendations:*

Not applicable

**The indicator is fulfilled.**

**Standard B.3.2.** *The Doctoral School engages a significant number of external scientific specialists in the commissions for public defense of doctoral theses in the analyzed domain.*

This criterion is a key measurement of the level of internationalization of the PhD programme and favors the diversity of perspectives and crossfertilization.

**Performance Indicator \*B.3.2.1.** *The number of doctoral theses allocated to one specialist coming from a higher education institution, other than the evaluated IOSUD should not exceed two (2) in a year for the theses coordinated by the same doctoral thesis advisor.*



- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Recommendations:

Not applicable

**The indicator is fulfilled.**

**Performance Indicator \*B.3.2.2.** *The ratio between the doctoral theses allocated to one scientific specialist coming from a higher education institution, other than the institution where the defense on the doctoral thesis is organized, and the number of doctoral theses presented in the same doctoral study domain in the doctoral school should not exceed 0.3, considering the past five years. Only those doctoral study domains in which minimum ten doctoral theses have been presented within the past five years should be analyzed.*

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Recommendations:

Not applicable

**The indicator is fulfilled.**

## **Domain C. QUALITY MANAGEMENT**

Regular measurement and evaluation against standard criteria help boosting continuous update and transition.

### **Criterion C.1. Existence and periodic implementation of the internal quality assurance system**

Quality assurance is an essential internal instrument to secure observation of standards and the development of the methods and institutions responsible of their implementation.

*Standard C.1.1. There are an institutional framework and procedures in place and relevant internal quality assurance policies, applied for monitoring the internal quality assurance.*

Standards should be implemented at all levels, including the PhD programme, and they should be aligned with university and national standards.



**Performance Indicator C.1.1.1.** *The Doctoral school in the respective university study domain shall demonstrate the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the IOSUD, the following assessed criteria being mandatory:*

- (a) the scientific work of Doctoral advisors;*
- (b) the infrastructure and logistics necessary to carry out the research activity;*
- (c) the procedures and subsequent rules based on which doctoral studies are organized;*
- d) the scientific activity of doctoral students;*
- e) the training program based on advanced academic studies of doctoral students;*
- f) social and academic services (including for participation at different events, publishing papers etc.) and counselling made available to doctoral students.*

*- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

Not applicable

**The indicator is fulfilled.**

**Performance Indicator \*C.1.1.2.** *Mechanisms are implemented during the stage of the doctoral study program to enable feedback from doctoral students allowing to identify their needs, as well as their overall level of satisfaction with the doctoral study program in order to ensure continuous improvement of the academic and administrative processes. Following the analysis of the results, there is evidence that an action plan was drafted and implemented.*

*- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

Conducting annual surveys among students to identify the needs, as well as the general level of satisfaction with the PhD programme.

**The indicator is fulfilled.**

## **Criterion C.2. Transparency of information and accessibility of learning resources**

Transparency is an essential principle in the governance since, when implemented, it gives as a result trust and reduction of conflict.

*Standard C.2.1. Information of interest to doctoral students, future candidates and public interest information is available for electronic format consultation.*



When potential candidates have all the information required, they may make more informed decisions and avoid disappointment and failure in their project. Also, the general public will have better information on the impact of public funding in research and of its value in terms of results.

**Performance Indicator C.2.1.1.** *The IOSUD publishes on the website of the organizing institution, in compliance with the general regulations on data protection, information such as:*

- (a) the Doctoral School regulation;*
  - (b) the admission regulation;*
  - (c) the doctoral studies contract;*
  - (d) the study completion regulation including the procedure for the public presentation of the thesis;*
  - (e) the content of training program based on advanced academic studies;*
  - (f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data;*
  - (g) the list of doctoral students within the domain with necessary information (year of registration; advisor);*
  - (h) information on the standards for developing the doctoral thesis;*
  - (i) links to the doctoral theses' summaries to be publicly presented and the date, time, place where they will be presented; this information will be communicated at least twenty days before the presentation.*
    - description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*
    - analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*
- Recommendations:*

Not applicable

**The indicator is fulfilled.**

**Standard C.2.2.** *The IOSUD/The Doctoral School provides doctoral students with access to the resources needed for conducting doctoral studies.*

When students have the opportunity to see how their institution applies transparency criteria then they also understand they should as well adopt this principle and ethical values as a component of the institution.

**Performance Indicator C.2.2.1.** *All doctoral students have free access to one platform providing academic databases relevant to the doctoral studies domain of their thesis.*

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*
  - analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*
- Recommendations:*



Not applicable

**The indicator is fulfilled.**

**Performance Indicator C.2.2.2.** *Each doctoral student shall have access, upon request, to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

It is recommended that the procedure to access the application is published in the SDG website.

**The indicator is fulfilled.**

**Performance Indicator C.2.2.3.** *All doctoral students have access to scientific research laboratories or other facilities depending on the specific domain/domains within the Doctoral School, according to internal order procedures.*

- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*Recommendations:*

Not applicable

**The indicator is fulfilled.**

### **Criterion C.3. Internationalization**

The research programme of the SDG and of the University of Oradea is not isolated but should be fully integrated into the global system of science, with mobility of ideas, methods, results, and researchers in the framework of open knowledge.

*Standard C.3.1. There is a strategy in place and it is applied to enhance the internationalization of doctoral studies.*

A strategy should be developed with provisions and resources to implement it and be adaptive, to respond to the rapid changing environment in science and society.

**Performance Indicator \*C.3.1.1.** *IOSUD, for every evaluated domain, has concluded mobility agreements with universities abroad, with research institutes, with companies working in the field of study, aimed at the mobility of doctoral students and academic staff (e.g., ERASMUS agreements for the*



doctoral studies). At least 35% of the doctoral students have completed a training course abroad or other mobility forms such as attending international scientific conferences. IOSUD drafts and applies policies and measures aiming at increasing the number of doctoral students participating at mobility periods abroad, up to at least 20%, which is the target at the level of the European Higher Education Area.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Recommendations:

Not applicable

**The indicator is fulfilled.**

**Performance Indicator C.3.1.2.** In the evaluated doctoral study domain, support is granted, including financial support, to the organization of doctoral studies in international co-tutelage or invitation of leading experts to deliver courses/lectures for doctoral students.

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Recommendations:

Increase the percentage of PhD candidates in co-supervision with international scholars. Organizing frequent meetings with foreign scholars and geography students from the University of Oradea.

**The indicator is fulfilled.**

**Performance Indicator C.3.1.3.** The internationalization of activities carried out during the doctoral studies is supported by IOSUD through concrete measures (e.g., by participating in educational fairs to attract international doctoral students; by including international experts in guidance committees or doctoral committees etc.).

- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself

- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself

Recommendations:

Not applicable

**The indicator is fulfilled.**

## IV. SWOT Analysis

<p><b><u>Strengths:</u></b></p> <ul style="list-style-type: none"> <li>• Close links and interaction with societal actors, who may support the identification of competitive opportunities for research and innovation</li> <li>• High level of motivation and effort to seek the continuation of the programme by key actors</li> </ul>	<p><b><u>Weaknesses:</u></b></p> <ul style="list-style-type: none"> <li>• High ratio of PhD students per PhD supervisor</li> <li>• Low ratio of research articles in refereed journals per PhD student</li> <li>• Weak implementation of quality assurance procedures among both staff and students</li> <li>• Low level of internationalization of the programme</li> <li>• Low level of training in the development of research methods and skills</li> <li>• Low level of continuing interaction between supervisors and students at the programme level, beyond the bilateral level</li> <li>• Lack of a critical analysis of weaknesses and opportunities of the programme</li> </ul>
<p><b><u>Opportunities:</u></b></p> <ul style="list-style-type: none"> <li>• The combination of diverse, but well related fields in the School of Faculty of Geography, Tourism and Sports</li> <li>• Some PhD supervisors are highly qualified and with international visibility and links</li> <li>• Benefit from infrastructure in other university departments and laboratories through cooperation agreements to strengthen the available resources</li> <li>• Explore the reduction in the number of research fields and possible field of specialization through the interaction with partners in the public and private sector with whom there are already links</li> <li>• Attract students from related fields who seek excellence in training in geospatial analysis and integrated spatial analysis</li> <li>• Explore the intensification of internationalization through the partnership with existing international contacts to promote co-supervision, participation in joint PhD committees</li> </ul>	<p><b><u>Threats:</u></b></p> <ul style="list-style-type: none"> <li>• Reduction in the number of PhD candidates due to the reduction of the students at the university due to the demographic crisis,</li> <li>• Reduction in the number of PhD candidates due to the reduction of motivation to pursue the programme if the approach of the programme does not shift</li> <li>• Escalation in the number of drops due to the lack of financial support</li> <li>• High level of bureaucratic rigidity and load imposed by regulation at the national level to the university system</li> </ul>



## V. Overview of judgments awarded and of the recommendations

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
1.	PI	<p><b>A.1.1.1.</b> The existence of specific regulations and their application at the level of the Doctoral School of the respective university doctoral study domain:</p> <p>a) the internal regulations of the Doctoral School;</p> <p>b) the Methodology for conducting elections for the position of director of the Council of doctoral school (CSD), as well as elections by the students of their representative in CSD and the evidence of their conduct;</p> <p>c) the Methodologies for organizing and conducting doctoral studies (for the admission of doctoral students, for the completion of doctoral studies);</p> <p>d) the existence of mechanisms for recognizing the status of a Doctoral advisor and the equivalence of the doctoral degree obtained abroad;</p> <p>e) functional management structures (Council of the doctoral school), giving as well proof of the regularity of meetings;</p> <p>f) the contract for doctoral studies;</p> <p>g) internal procedures for the analysis and approval of proposals regarding the training for doctoral study programs based on advanced academic studies.</p>	Fulfilled	<p><b>Increase the efforts for posting all the essential information (including in English) for both Romanian or foreign audiences in the website of the Doctoral School of Geography in a comprehensive, transparent, and accessible way. Increasing the attractiveness, efficiency, usefulness and consistency of the information in the site.</b></p>
2.	PI	<p><b>A.1.1.2.</b> The doctoral school' Regulation includes mandatory criteria, procedures and standards binding on the aspects specified in Article 17, paragraph (5) of the Government Decision No. 681/2011 on the approval of the Code of Doctoral Studies with subsequent amendments and additions.</p>	Fulfilled	<p><b>The regulations of the Doctoral School of Geography, including the Code of doctoral studies, with subsequent amendments, should be posted in a visible place on the page <a href="https://doctorat.uoradea.ro/ro/domenii-de-doctorat-6/domeniu-geografie">https://doctorat.uoradea.ro/ro/domenii-de-doctorat-6/domeniu-geografie</a></b></p>
3.	PI	<p><b>A.1.2.1.</b> The existence and effectiveness of an appropriate IT system to keep track of doctoral students and their academic background.</p>	Fulfilled	<p><b>Ensure the continuous operation and accessibility of the platform.</b></p>
4.	PI	<p><b>A.1.2.2.</b> The existence and use of an appropriate software program and evidence of its use to verify the percentage of similarity in all doctoral theses.</p>	Fulfilled	<p><b>Not applicable</b></p>

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
5.	IP	<p><b>A.1.3.1.</b> Existence of at least one research or institutional / human resources development grant under implementation at the time of submission of the internal evaluation file, per doctoral study domain under evaluation, or existence of at least 2 research or institutional development / human resources grant for the doctoral study domain, obtained by doctoral thesis advisors operating in the evaluated domain within the past 5 years. The grants address relevant themes for the respective domain and, as a rule, are engaging doctoral students.</p>	Fulfilled	Not applicable
6.	PI *	<p><b>A.1.3.2.</b> The percentage of doctoral students active at the time of the evaluation, who for at least six months receive additional funding sources besides government funding, through scholarships awarded by individual persons or by legal entities, or who are financially supported through research or institutional / human resources development grants is not less than 20%.</p>	Fulfilled	<p><b>Increase the number of students funded and diversity of sources other than government funds.</b></p>
7.	PI *	<p><b>A.1.3.3.</b> At least 10% of the total amount of doctoral grants obtained by the university through institutional contracts and of tuition fees collected from the doctoral students enrolled in the paid tuition system is used to reimburse professional training expenses of doctoral students (attending conferences, summer schools, training, programs abroad, publication of specialty papers or other specific forms of dissemination etc.).</p>	Fulfilled	Not applicable
8.	CPI	<p><b>A.2.1.1.</b> The venues and the material equipment available to the doctoral school enable the research activities in the evaluated domain to be carried out, in line with the assumed mission and objectives (computers, specific software, equipment, laboratory equipment, library, access to international databases etc.). The research infrastructure and the provision of research services are presented to the public through a specific platform. The research infrastructure described above, which was purchased and</p>	Fulfilled	<p><b>Identify additional funding sources to purchase the required instrumental equipment and computer software to support fundamental and applied research.</b></p>

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		developed within the past 5 years will be presented distinctly		
9.	CPI	<b>A.3.1.1.</b> Minimum three doctoral thesis advisors within that doctoral domain, and at least 50% of them (but no less than three) meet the minimum standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the time when the evaluation is carried out, which standards are required and mandatory for obtaining the enabling certification.	Fulfilled	<b>Increase efforts to meet the CNATDCU minimum standards for doctoral management by a larger number of members of the Doctoral School of Geography. Additionally publication of articles international refereed journals and competing for national and EU funded research programmes should be encouraged. Increase the number of qualified doctoral supervisors (from their own team or by attracting specialists from other university / research institutions) to strengthen certain research fields, competitive enough to attract potential geography students.</b>
10.	PI *	<b>A.3.1.2.</b> At least 50% of all doctoral advisors have a full-time employment contract for an indefinite period with the IOSUD.	Fulfilled	<b>Both SDG and managers of the Faculty of Geography, Tourism and Sports should encourage all geographers of the University of Oradea to apply for habilitation to increase the number of doctoral supervisors.</b>
11.	PI	<b>A.3.1.3.</b> The study subjects in the education program based on advanced higher education studies pertaining to the doctoral domain are taught by teaching staff or researchers who are doctoral thesis advisors / certified doctoral thesis advisors, professors / CS I or lecturer / CS II, with proved expertise in the field of the study subjects they teach, or other specialists in the field who meet the standards established by the institution in relation with the aforementioned teaching and research functions, as provided by the law.	Fulfilled	<b>The annual updating of the subject sheets with the aim of following their complementarity and the correlation/adaptation of their contents with/to the students' research topics is encouraged.</b>
12.	PI *	<b>A.3.1.4.</b> The percentage of doctoral thesis advisors who concomitantly coordinate more than 8 doctoral students, but no more than 12, who are themselves studying in doctoral programs does not exceed 20%.	Fulfilled	<b>Not applicable</b>
13.	CPI	<b>A.3.2.1.</b> At least 50% of the doctoral thesis advisors in the evaluated domain have at least 5 Web of Science- or ERIH-indexed	Fulfilled	<b>Not applicable</b>

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		<p>publications in magazines of impact, or other achievements of relevant significance for that domain, including international-level contributions that indicate progress in scientific research - development - innovation for the evaluated domain. The aforementioned doctoral thesis advisors enjoy international awareness within the past five years, consisting of: membership on scientific boards of international publications and conferences; membership on boards of international professional associations; guests in conferences or expert groups working abroad, or membership on doctoral defense commissions at universities abroad or co-leading with universities abroad. For Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall prove their international visibility within the past five years by their membership on the boards of professional associations, membership in organizing committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.</p>		
14.	PI *	<p><b>A.3.2.2.</b> At least 50% of the doctoral thesis advisors in a specific doctoral study domain continue to be active in their scientific field, and acquire at least 25% of the score requested by the minimal CNATDCU standards in force at the time of the evaluation, which are required and mandatory for acquiring their enabling certificate, based on their scientific results within the past five years</p>	Fulfilled	<p><b>Sustained efforts by the group of PhD supervisors from Oradea, given the existence of certain limiting factors for research in Romania, to maintain an unrelenting pace, to comply the standards imposed and to keep pace with their dynamism.</b></p>
15.	PI *	<p><b>B.1.1.1.</b> The ratio between the number of graduates of masters' programs of other higher education institutions, national or foreign, who have enrolled for the doctoral admission contest within the past five years and the number of seats funded by the state budget, put out through contest within the doctoral domain is at least 0.2 or the ratio between the number of candidates within the past five years and the number of seats funded by the state budget put out through</p>	Fulfilled	<p><b>It is recommended to make efforts to increase the number of funded students and to increase the attractiveness of the doctoral field Geography within UO, to attract Romanian / foreign master graduates from other fields in the country and abroad; promoting the participation in the doctoral admission colloquium of multiple candidates.</b></p>

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		contest within the doctoral studies domain is at least 1,2.		
16.	PI *	<b>B.1.2.1.</b> Admission to doctoral study programs is based on selection criteria including: previous academic, research and professional performance, their interest for scientific or arts/sports research, publications in the domain and a proposal for a research subject. Interviewing the candidate is compulsory, as part of the admission procedure.	<b>Fulfilled</b>	<b>Not applicable</b>
17.	PI	<b>B.1.2.2.</b> The expelling rate, including renouncement / dropping out of doctoral students 3, respectively 4, years after admission does not exceed 30%.	<b>Fulfilled</b>	<b>To select candidates taking into close consideration the criteria for admission in order to reduce the percentage of drops or exclusion.</b>  <b>Monitoring by the coordinator and the members of the commission to measure the progress made by the doctoral candidate, identifying the critical steps and taking appropriate mitigation measures to overcome the barriers.</b>
18.	PI	<b>B.2.1.1.</b> The training program based on advanced academic studies includes at least 3 disciplines relevant to the scientific research training of doctoral students; at least one of these disciplines is intended to study in-depth the research methodology and/or the statistical data processing.	<b>Fulfilled</b>	<b>A realignment of the courses in the programme to focus more on skills rather than on contents would be advisable.</b>
19.	PI	<b>B.2.1.2.</b> At least one discipline is dedicated to Ethics and Intellectual Property in scientific research or there are well-defined topics on these subjects within a discipline taught in the doctoral program.	<b>Fulfilled</b>	<b>Not applicable</b>
20.	PI	<b>B.2.1.3.</b> The IOSUD has mechanisms to ensure that the academic training program based on advanced university studies addresses „the learning outcomes”, specifying the knowledge, skills, responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities.	<b>Fulfilled</b>	<b>Some changes in the discipline syllabus are recommended:</b>  <b>- a more specific identification of the objectives of the courses,</b>  <b>- a more clear identification of achieved skills, that would make graduates more independent researchers,</b>

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
				-a more clear identification of the minimum standards that students must meet in their assessments
21.	PI	<b>B.2.1.4.</b> All along the duration of the doctoral training, doctoral students in the domain receive counselling/guidance from functional guidance commissions, which is reflected in written guidance and feedback or regular meeting.	Fulfilled	Not applicable
22.	CPI	<b>B.2.1.5.</b> For a doctoral study domain, the ratio between the number of doctoral students and the number of teaching staff/researchers providing doctoral guidance must not exceed 3:1.	Fulfilled	Not applicable
23.	CPI	<b>B.3.1.1.</b> For the evaluated domain, the evaluation commission will be provided with at least one paper or some other relevant contribution per doctoral student who has obtained a doctor's title within the past 5 years. From this list, the members of the evaluation commission shall randomly select 5 such papers / relevant contributions per doctoral study domain for review. At least 3 selected papers must contain significant original contributions in the respective domain	Fulfilled	It is recommended to significantly increase the efforts to publish more articles in foreign journals with an impact factor (FI) and reach greater visibility.
24.	PI *	<b>B.3.1.2.</b> The ratio between the number of presentations of doctoral students who completed their doctoral studies within the evaluated period (past 5 years), including posters, exhibitions made at prestigious international events (organized in the country or abroad) and the number of doctoral students who have completed their doctoral studies within the evaluated period (past 5 years) is at least 1.	Fulfilled	Not applicable
25.	PI *	<b>B.3.2.1.</b> The number of doctoral theses allocated to one specialist coming from a higher education institution, other than the evaluated IOSUD should not exceed two (2) in a year for the theses coordinated by the same doctoral thesis advisor.	Fulfilled	Not applicable

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
26.	PI *	<p><b>B.3.2.2.</b> The ratio between the doctoral theses allocated to one scientific specialist coming from a higher education institution, other than the institution where the defense on the doctoral thesis is organized, and the number of doctoral theses presented in the same doctoral study domain in the doctoral school should not exceed 0.3, considering the past five years. Only those doctoral study domains in which minimum ten doctoral theses have been presented within the past five years should be analyzed.</p>	Fulfilled	Not applicable
27.	PI	<p><b>C.1.1.1.</b> The Doctoral school in the respective university study domain shall demonstrate the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the IOSUD, the following assessed criteria being mandatory:</p> <ul style="list-style-type: none"> <li>a) the scientific work of Doctoral advisors;</li> <li>b) the infrastructure and logistics necessary to carry out the research activity;</li> <li>c) the procedures and subsequent rules based on which doctoral studies are organized;</li> <li>d) the scientific activity of doctoral students;</li> <li>e) the training program based on advanced academic studies of doctoral students;</li> <li>f) social and academic services (including for participation at different events, publishing papers etc.) and counselling made available to doctoral students.</li> </ul>	Fulfilled	Not applicable
28.	PI *	<p><b>C.1.1.2.</b> Mechanisms are implemented during the stage of the doctoral study program to enable feedback from doctoral students allowing to identify their needs, as well as their overall level of satisfaction with the doctoral study program in order to ensure continuous improvement of the academic and administrative processes. Following the analysis of the results, there is evidence that an action plan was drafted and implemented.</p>	Fulfilled	<p><b>Conducting annual surveys among students to identify the needs, as well as the general level of satisfaction with the PhD programme.</b></p>
29.	CPI	<p><b>C.2.1.1.</b> The IOSUD publishes on the website of the organizing institution, in compliance with the general regulations on data protection, information such as:</p>	Fulfilled	Not applicable

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		a) the Doctoral School regulation; b) the admission regulation; c) the doctoral studies contract; d) the study completion regulation including the procedure for the public presentation of the thesis; e) the content of training program based on advanced academic studies; f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data; g) the list of doctoral students within the domain with necessary information (year of registration; advisor); h) information on the standards for developing the doctoral thesis; i) links to the doctoral theses' summaries to be publicly presented and the date, time, place where they will be presented; this information will be communicated at least twenty days before the presentation.		
30.	PI	<b>C.2.2.1.</b> All doctoral students have free access to one platform providing academic databases relevant to the doctoral studies domain of their thesis.	Fulfilled	Not applicable
31.	PI	<b>C.2.2.2.</b> Each doctoral student shall have access, upon request, to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.	Fulfilled	<b>It is recommended that the procedure to access the application is published in the SDG website.</b>
32.	PI	<b>C.2.2.3.</b> All doctoral students have access to scientific research laboratories or other facilities depending on the specific domain/domains within the Doctoral School, according to internal order procedures.	Fulfilled	Not applicable
33.	PI *	<b>C.3.1.1.</b> IOSUD, for every evaluated domain, has concluded mobility agreements with universities abroad, with research institutes, with companies working in the field of study, aimed at the mobility of doctoral students and academic staff (e.g., ERASMUS agreements for the doctoral studies). At least 35% of the doctoral students have completed a training course abroad or other mobility forms such as attending international scientific conferences.	Fulfilled	Not applicable



No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		IOSUD drafts and applies policies and measures aiming at increasing the number of doctoral students participating at mobility periods abroad, up to at least 20%, which is the target at the level of the European Higher Education Area.		
34.	PI	<b>C.3.1.2.</b> In the evaluated doctoral study domain, support is granted, including financial support, to the organization of doctoral studies in international co-tutelage or invitation of leading experts to deliver courses/lectures for doctoral students.	<b>Fulfilled</b>	<b>Increase the percentage of PhD candidates in co-supervision with international scholars. Organizing frequent meetings with foreign scholars and geography students from the University of Oradea.</b>
35.	PI	<b>C.3.1.3.</b> The internationalization of activities carried out during the doctoral studies is supported by IOSUD through concrete measures (e.g., by participating in educational fairs to attract international doctoral students; by including international experts in guidance committees or doctoral committees etc.).	<b>Fulfilled</b>	<b>Not applicable</b>

*The recommendations contained in the report shall be resumed in the indicators' analysis. Other general recommendations may be made that do not fit within a particular indicator.*

*VERY IMPORTANT!!! – Each identified weakness must be correlated with at least one recommendation to improve the situation!*

## VI. Conclusions and general recommendations

*Several important issues raised during the evaluation are resumed and some general conclusions are drawn on the quality of the education provided within the doctoral study domain under review; the Experts' Panel also presents general assessments about the institution. Other general recommendation may also be presented, which cannot be related to a specific indicator and have not been presented at point V.*

*A decision is proposed, together with the reasons for granting it (if the Experts' Panel members do not reach a consensus, each of them can propose and argue his/her own decision).*

All sectors were, in general, satisfied with the programme, including courses, supervising role of professors, resources available, organization and processes. Expressions of dissatisfaction, self-criticism or, dissent in general, were uncommon, and this may point to a certain level of unsuitability of the approach adopted that does not favour a full and in-depth analysis of the reality, or to an insufficient level of critical thinking that the university should promote among its scholars through study and debate. It should be taken into consideration that not only PhD students, but also graduated students and employers has close links with the institution and were not sufficiently detached to provide a fully objective perspective. The most common issues judged as negative –and limiting factors- by participants were external rather than internal to the programme or the institution. These are a legal framework, whose rigidity and lack of alignment with university frameworks in other countries –particularly EU- does not encourages innovation, and the lack of funding sources to support research by PhD candidates and acquisition of equipment for laboratories. Additionally, the need for the participation of employers in the process as key actors is not fully clear, as a PhD programme cannot be understood as oriented to jobs but to the production of knowledge. Following this, it would be advisable to have representatives of sectors that require new knowledge, innovations and technology.

This evaluator raised some specific concerns in the various meetings that sought to clarify some critical issues. I will synthesize them without any specific arrangement. The first referred to how both supervisors and the programme monitor research progress of the PhD candidates, to motivate the candidate, to steer the research, and monitor progress and quality. Established procedures and protocols were followed however, some signs might be of concern. This is the case of the number of years to undertake the research, higher than expected, or the independent work with few occasions to interact with other researchers to exchange and learn about other methods, approaches, literature, or techniques. This includes less occasions to present results to a public and gain experience in the communication of scientific research results and contrasting ideas. A related issue is the need to be trained by offering or facilitating taking courses, inside or outside the programme, that deal with learning methods or techniques related to scientific research, communication and publication. Focus on training to present to an audience, to write papers, or to elaborate a research proposal to get funding would be advisable. Additionally, the short number (5) of professors in the programme, may be acting as a stressor since they have to assume multiple functions, or multiply their role as supervisor.

It has been observed that several of the courses in the programme adopt a thematic or conceptual approach, when this had already been learned as undergraduates, rather than emphasizing the development of research skills required by the students to perform research or disseminate results. It would be recommendable to decrease the weight of the first and increase the relevance of the second type.



Another question had to do with enhancing the internationalization of the programme. Taking into account the limited funding available to facilitate candidates visiting foreign institutions, other suitable and more affordable choices could be explored, both formal or informal, such as domestic exchange programmes, or the co-supervision with the participation of foreign scholars. It should be noted that the programme already includes a foreign scholar with a distinct research profile. Another avenue would be to attract foreign PhD candidates, and this would imply to reformulate the programme to make it more competitive in terms of topics of research linked to the strengths of both the university and the region. Thus the evaluator questioned about the prospect of realigning the multiple topics existing in the programme to reach a higher level of innovativeness and gain focus with a higher level of specialization. The programme already has some focus on tourism, although this is not too innovative per se, so it would be recommendable to make it more specific. Besides, the programme might also benefit from the strengths of being located in the Faculty of Geography, Tourism and Sports, where expertise on related fields, such as sports, could be found. Again, internationalization allows broadening research techniques, approaches and methods used, as well as extending the network of academic contacts. Additionally, it would help increasing the use of foreign literature, promoting the publication in refereed journals, and improving proficiency in other languages.

Students were also questioned about their perception about their future as professionals. They identified limits to their prospective career in Romania due to the short number of positions available in research and education in higher education institutions, and this leads them to work in secondary education or other various activities. Similarly, it seems likely they are limited to pursue a career in another country, within the EU or other continents, due to structural deficits in their training when pursuing their PhD in terms of foreign language proficiency, publication in refereed journals, and methods and techniques learned. In spite of this, they were not able to identify what they would have done differently in terms of their research career or internationalization.

Ethical issues, particularly relative to plagiarism, have been extensively addressed. The programme informed about the availability of a course on ethics and the access to software to identify plagiarism. And this is positive. The report and informants additionally informed about the access to this software by candidates. However, the purpose of this approach is unclear, since it should be an issue more of awareness of ethical practices rather than of plagiarism checking. It would be more recommendable to instruct students on the practice of research, on the use of scientific literature to produce new knowledge, on the practices of referencing, and improving the access to bibliographic resources.

The function of laboratories was not fully clear, beyond providing working space, as the resources available do not seem to provide specific thematic support, except in the case of geospatial analysis. The evaluator questioned about this, as well as regarding the added value and contribution of the Center for Territorial Studies and Analysis, as compared to the Labs. A unit of this nature would require a critical mass of expertise and resources, rather than sustaining it with a single scholar, to demonstrate its capacity to generate knowledge.

Another question raised in the debate was the actual influence of the student participation in the university institutions and its impact in terms of adjustment or transformation of the PhD programme. Their short permanence in the programme and discontinuity between successive representatives may be limiting their influence and impact.

In the end, as a result of the discussions the programme demonstrated a clear purpose of permanence and progression to a higher level of research under a persuading leadership.



## VII. Annexes

*The following types of documents shall be attached:*

- *The detailed schedule of the evaluation visit – MANDATORY.*
- *The survey questionnaire applied to doctoral students or academic staff in the doctoral study domain under review, the results - optional (e.g., in graphic form) and their interpretation - if applicable.*
- *Scanned documents – any document requested from the IOSUD during the evaluation visit and received, which is not found in the internal evaluation file received before the visit and referred to in the report.*
- *Pictures – if relevant issues are raised regarding the condition of the student residences, cafeterias, premises for teaching and learning activities, library etc.*
- *Screenshots/Print screens of the Doctoral School/IOSUD website proving specific claims in the report, accompanied by the date when they were accessed and saved.*
- *Any other documents relevant to the evaluation process referred to in the report.*

Programul<sup>6</sup> vizitei de evaluare instituțională - IOSUD / domenii de studii universitare de doctorat a  
**Universității din Oradea**

*The timetable of the institutional evaluation visit - IOSUD / doctoral study domains at the **University of Oradea***

**Perioada de derulare a vizitei: 15.11.2021 – 22.11.2021**

*The evaluation period: 15.11.2021 – 22.11.2021*

## Evaluarea Externă Periodică a IOSUD și a domeniilor de studii universitare de doctorat

*Periodical External Evaluation of the Institution Organising Doctoral Study Programs (IOSUD), and of the doctoral study domains*

Intervalul orar / Hour <i>Romanian Time</i>	Activitate / Activity	Participanți / Participants	Observații/ Responsabil Comments/ Responsible
<b>Luni / Monday, 15.11.2021</b>			
<b>09:00-10:45</b>	Întâlnire preliminară online pentru pregătirea și armonizarea etapelor de evaluare, în modul mixt, la nivel de domenii de doctorat și IOSUD <i>Online preliminary meeting for the preparation and harmonization of evaluation steps, in hybrid mode, of doctoral study domains and IOSUD</i>	<b>Comisia de evaluare IOSUD&amp;domenii</b> <i>IOSUD&amp;domains evaluation panel</i>  - <b>toți membrii echipei de evaluare</b> <i>all evaluation panel members</i>	<b>Înregistrare audio-video ARACIS / platforma ZOOM</b> <i>Audio-video recording ARACIS / ZOOM platform</i>
<b>11:00-11:45</b>	Întâlnirea online a comisiei de experți evaluatori cu reprezentanții conducerii universității și ai CSUD <i>Online meeting with representatives of the institution and of the Council for Academic Doctoral Studies (CSUD)</i>	<b>Comisia de evaluare IOSUD&amp;domenii</b> <i>IOSUD&amp;domains evaluation panel</i>  - <b>toți membrii echipei de evaluare</b> <i>all evaluation panel members</i>  - reprezentanți ai conducerii	<b>Înregistrare audio-video / platforma UO</b> <i>Audio-video recording UO / ZOOM platform</i>

<sup>6</sup> În perioada vizitei, pot fi solicitate și alte întâlniri, pentru eventuale clarificări.

*During the visit, other meetings may be requested for possible clarifications.*

Intervalul orar / <i>Hour</i> <b>Romanian Time</b>	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații/ <i>Responsabil</i> <i>Comments/ Responsible</i>
		<i>representatives of the University's management</i>  - reprezentanți ai CSUD și ai școlii/școlilor doctorale <i>representatives of the CSUD and of the Doctoral School /Schools</i>  - persoana de contact IOSUD/domenii <i>the contact person for IOSUD / doctoral domains</i>	
12:00-13:00	Activități de evaluare <i>Evaluation activities</i>  <b>Domeniu<sup>7</sup>:</b> Întâlnire online a comisiei de experți evaluatori cu <b>responsabilul domeniului de studii universitare de doctorat evaluat</b> și cu echipa care a realizat raportul de evaluare internă <i>Domain: Online meeting with the contact person for the doctoral study domain under review and the team who</i>	<b>Comisia de evaluare domeniu</b> <b>Domain evaluation panel</b>  -membrii comisiei de experți evaluatori domeniu <b>members of domain evaluation panel</b>  - responsabilul domeniului de studii universitare de doctorat evaluat și echipa care a realizat	<b>Înregistrare audio-video / platforma UO</b> <i>Audio-video recording UO / ZOOM platform</i>

<sup>7</sup> Pentru toate întâlnirile din program unde se menționează domeniu, se vor organiza **11 întâlniri în PARALEL pentru cele 18 domenii de studii universitare de doctorat** din componența IOSUD (1.SD\_Științe inginerești\_(Matematică), 2.SD\_ Științe inginerești \_Agronomie, 3.SD\_ Științe inginerești \_(Inginerie electrică, Inginerie energetică, IETTI), 4. SD\_ Științe inginerești \_(Inginerie și managemet, Inginerie industrială), 5.SD\_Geografie, 6. SD\_Sociologie, 7.SD\_ Științe economice (Finanțe, Economie, Administrarea afacerilor), 8. SD\_ Științe Umaniste si Arte (Filologie, Teologie), 9.SD\_Istorie, 10.SD\_ Științe biomedicale\_ Biologie, 11. SD\_ Științe biomedicale\_(Medicină, Farmacie). *For all the timetable meetings where the domain is mentioned, 11 meetings will be ORGANIZED IN PARALLEL for the 18 doctoral university studies domains within IOSUD (1.SD\_ Engineering Sciences\_( Mathematics), 2.SD\_ Engineering Sciences \_Agronomy, 3.SD\_ Engineering Sciences\_( Electrical engineering, Energy engineering, EETIT), 4.SD\_Engineering Sciences\_( Engineering and Management, Industrial Engineering), 5.SD\_ Geography, 6.SD\_ Sociology, 7.SD\_ Economic Sciences (Business Administration, Economics, Finance), 8. SD\_ Humanistic Sciences and Arts (Philology, Theology), 9.SD\_ History, 10.SD\_ Biomedical Sciences \_( Biology), 11.SD\_ Biomedical Sciences \_( Medicine, Pharmacy).*

Intervalul orar / Hour <i>Romanian Time</i>	Activitate / Activity	Participanți / Participants	Observații/ Responsabil Comments/ Responsible
	<i>drafted the internal evaluation report</i>	raportul de evaluare internă <i>The doctoral studies domain contact person and the team who drafted the internal evaluation report</i>	
14:30-15:30	Activități de evaluare <i>Evaluation activities</i>  <b>Domeniu:</b> Întâlnire online a comisiei de experți evaluatori cu personalul didactic aferent domeniului evaluat <i>Domain: Online meeting with the academic staff corresponding to the doctoral study domain</i>	<b>Comisia de evaluare domeniu</b> <i>Domain evaluation panel</i>  -membrii comisiei de experți evaluatori domeniu <i>members of domain evaluation panel</i>  -cadre didactice cu titlul de conducător de doctorat <i>Doctoral coordinators</i>	Înregistrare audio-video / platforma UO <i>Audio-video recording UO / ZOOM platform</i>
<b>Marti / Tuesday, 16.11.2021</b>			
09:00 - 10:00	Întâlnire online cu membrii Comisiei de Etică a universității <i>Online meeting with the members of the Ethics Commission</i>	<b>Comisia de evaluare IOSUD&amp;domeniilor</b> <i>IOSUD&amp;domains evaluation panel</i>  - <b>toți membrii echipei de evaluare</b> <i>all evaluation panel members</i>  -membrii Comisiei de Etică <i>Ethics Commission members</i>	Înregistrare audio-video / platforma UO <i>Audio-video recording UO / ZOOM platform</i>
10:15 - 11:15	Activități de evaluare <i>Evaluation activities</i>  Întâlnire online cu membrii Comisiei pentru Evaluarea și Asigurarea Calității (CEAC) /	<b>Comisia de evaluare IOSUD&amp;domeniilor</b> <i>IOSUD&amp;domains evaluation panel</i>  - <b>toți membrii echipei de evaluare</b>	Înregistrare audio-video / platforma UO <i>Audio-video recording UO / ZOOM platform</i>

Intervalul orar / Hour <b>Romanian Time</b>	Activitate / Activity	Participanți / Participants	Observații/ Responsabil Comments/ Responsible
	Departamentul de asigurare a calității <i>Online meeting with the Commission for Quality Evaluation and Assurance (CEAC) members / Quality Assurance Department</i>	<i>all evaluation panel members</i>  - reprezentanți ai CEAC/Departament AC <i>representatives of Commission for Quality Evaluation and Assurance (CEAC) / Quality Assurance Department</i>	
<b>11:30–12:30</b>	Activități de evaluare <i>Evaluation activities</i>  <b>Domeniu:</b> Întâlnire online a comisiei de evaluare cu <b>studentii doctoranzi</b> <i>Domain: Online meeting with PhD students</i>	<b>Comisia de evaluare domeniu</b> <i>Domain evaluation panel</i>  - membrii comisiei de experți evaluatori domeniu <i>members of domain evaluation panel</i>  - studentii doctoranzi <i>PhD students</i>	<b>Înregistrare audio-video ARACIS / platforma ZOOM</b> <i>Audio-video recording ARACIS / ZOOM platform</i>
<b>14:00-15:00</b>	Activități de evaluare <i>Evaluation activities</i>  <b>Domeniu:</b> Întâlnire online a comisiei de evaluare cu reprezentanți ai <b>absolvenților domeniului</b> <i>Domain: Online meeting with graduates for the respective doctoral study domain</i>	<b>Comisia de evaluare domeniu</b> <i>Domain evaluation panel</i>  - membrii comisiei de experți evaluatori domeniu <i>members of domain evaluation panel</i>  - reprezentanți ai absolvenților <i>representatives of doctoral graduates</i>	<b>Înregistrare audio-video / platforma UO</b> <i>Audio-video recording UO / ZOOM platform</i>
<b>Miercuri / Wednesday, 17.11.2021</b>			
<b>09:00-10:00</b>	Activități de evaluare <i>Evaluation activities</i>  <b>Domeniu:</b> Întâlnire online cu <b>directorii/responsabilii centrelor/laboratoarelor</b>	<b>Comisia de evaluare domeniu</b> <i>Domain evaluation panel</i>	<b>Înregistrare audio-video UO / platforma UO</b> <i>Audio-video recording UO / ZOOM platform</i>



Intervalul orar / Hour <b>Romanian Time</b>	Activitate / Activity	Participanți / Participants	Observații/ Responsabil Comments/ Responsible
	<p><b>de cercetare</b> aferente domeniului de studii universitare de doctorat <i>Domain: Online meeting with the Directors/ persons in charge of the research centers/laboratories within the doctoral study domain</i></p>	<p>- membrii comisiei de experți evaluatori domeniu <i>members of domain evaluation panel</i></p> <p>-directorii centrelor / laboratoarelor de cercetare <i>directors of research centers/laboratories</i></p>	
<p><b>11:30 - 12:30</b></p>	<p>Activități de evaluare <i>Evaluation activities</i></p> <p><b>Domeniu:</b> <b>Întâlnire online cu membrii Consiliului școlii /școlilor doctorale (CSD) în cadrul cărora funcționează domeniul evaluat</b> <i>Domain: Online meeting with Doctoral Schools Council (CSD members)</i></p>	<p><b>Comisia de evaluare domeniu</b> <i>Domain evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori domeniu <i>members of domain evaluation panel</i></p> <p>-membrii CSD <i>CSD's members</i></p>	<p>Înregistrare audio-video / platforma <b>UO</b> <i>Audio-video recording UO / ZOOM platform</i></p>
<p><b>14:00 - 15:00</b></p>	<p>Activități de evaluare <i>Evaluation activities</i></p> <p><b>Domeniu:</b> Întâlnire online a comisiei de evaluare cu reprezentanți ai angajatorilor absolvenților domeniului <i>Domain: Online meeting with employers of Doctoral graduates in the domain</i></p>	<p><b>Comisia de evaluare domeniu</b> <i>Domain evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori domeniu <i>members of domain evaluation panel</i></p> <p>- reprezentanți ai angajatorilor <i>employers' representatives</i></p>	<p>Înregistrare audio-video / platforma <b>UO</b> <i>Audio-video recording UO / ZOOM platform</i></p>
<p><b>16:30 - 17:30</b></p>	<p>Întâlnire tehnică online, pentru identificarea aspectelor specifice care trebuie clarificate, dacă este cazul, pe parcursul vizitei la fața locului</p>	<p><b>Comisia de evaluare IOSUD&amp;domenii</b> <i>IOSUD&amp;domains evaluation panel</i></p> <p>- <b>toți membrii echipei de vizită</b></p>	<p>Înregistrare audio-video <b>ARACIS / platforma ZOOM</b> <i>Audio-video recording ARACIS / ZOOM platform</i></p>

Intervalul orar / <i>Hour</i> <b>Romanian Time</b>	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații/ <i>Responsabil</i> <i>Comments/ Responsible</i>
	<i>Online technical meeting to identify specific issues that need to be clarified, if necessary, during the on-site visit</i>	<i>all evaluation panel members</i>	
<b>Joi / Thursday, 18.11.2021</b>			
<b>09:00-18:00</b>	Reuniuni de lucru față în față <sup>8</sup> , vizitarea bazei materiale didactice și de cercetare  <i>Face-to-face working meetings, visiting the educational and research infrastructure</i>	- <b>directorul de misiune și coordonatorul, un student doctorand evaluator</b> <i>the Evaluation Director and the coordinator of the IOSUD evaluation panel, one student</i>  - reprezentanți ai universității <i>university's representatives</i>	Vizită UNIVERSITATE <i>Site visit to the university</i>
<b>Vineri / Friday, 19.11.2021</b>			
<b>09:00-18:00</b>	Reuniuni de lucru față în față, vizitarea bazei materiale didactice și de cercetare  <i>Face-to-face working meetings, visiting the educational and research infrastructure</i>	- <b>directorul de misiune și coordonatorul, un student doctorand evaluator</b> <i>the Evaluation Director and the coordinator of the IOSUD evaluation panel, one student</i>  - reprezentanți ai universității <i>university's representatives</i>	Vizită UNIVERSITATE <i>Site visit to the university</i>
<b>Sâmbătă/ Saturday, 20.11.2021</b>			
<b>10:00-11:30</b>	Întâlnire online pentru concluzii	<b>Comisia de evaluare IOSUD&amp;domenii</b>	<b>Înregistrare audio-video ARACIS / platforma ZOOM</b>

<sup>8</sup> Experții evaluatori la nivelul domeniilor de studii universitare de doctorat pot stabili independent programul vizitei la fața locului, de comun acord cu persoana de contact de la domeniul evaluat și respectând programul întâlnirilor comune cu restul membrilor echipei de evaluare. *The evaluators at doctoral study domain level can independently establish the program of the on-site visit, in agreement with the contact person for the evaluated domain and respecting the schedule of joint meetings with the rest of the evaluation panel members.*

Intervalul orar / <i>Hour</i> <b>Romanian Time</b>	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații/ <i>Responsabil</i> <i>Comments/ Responsible</i>
	<i>Online meeting for conclusions</i>	<i>IOSUD&amp;domains evaluation panel</i>  <b>- toți membrii echipei de evaluare</b> <i>all evaluation panel members</i>	<i>Audio-video recording ARACIS / ZOOM platform</i>
<b>11:45-12:30</b>	Întâlnire finală online în vederea prezentării principalelor constatări rezultate în urma evaluării la nivel de domenii de doctorat și IOSUD și a recomandărilor de îmbunătățire a calității <i>Meeting with representatives of the institution under review to discuss on the conclusions of the evaluation process and the main recommendations</i>	<b>Comisia de evaluare IOSUD&amp;domenii</b> <i>IOSUD&amp;domains evaluation panel</i>  <b>- toți membrii echipei de evaluare</b> <i>all evaluation panel members</i>  - reprezentanții universității <i>university's representatives</i>	<b>Înregistrare audio-video / platforma UO</b> <i>Audio-video recording UO / ZOOM platform</i>

Urbano Fra Paleo