

### 3<sup>rd</sup>-section. Completing the information

**Professor, the 3<sup>th</sup> position in Staff Establishment of the Department of Forestry and Forest Engineering within the Faculty of Environmental Protection**

#### FORM FOR THE INTRODUCTION OF A NEW POSITION

**Formularul va conține următoarele câmpuri:**

<b>Nume câmp</b>	<b>Informații introduse</b>
<b>Universitatea</b>	University of Oradea
<b>Facultatea</b>	Faculty of Environmental Protection
<b>Departamentul</b>	Department of Forestry and Forest Engineering
<b>Poziția în statul de funcții</b>	3 <sup>th</sup> position
<b>Funcție</b>	Professor
<b>Discipline din planul de învățământ</b>	Forestry Exploitations II Forestry Exploitations II – project Tree Breeding
<b>Domeniul științific</b>	Forestry
<b>Descrierea postului scos la concurs</b>	<p>Professor, position 3 in the Department of Forestry and Forest Engineering `s Position Establishment within the Faculty of Environmental Protection, includes:</p> <ul style="list-style-type: none"><li>- The didactic teaching norm of minimum 8 and maximum 16 conventional hours;</li><li>- The normalized activities within the position establishment include teaching activities, seminars, practical and, laboratory activities;</li><li>- Research norm;</li><li>- Other activities-didactic preparation, students guidance, training, material elaboration- a limit of 40 physical hours/week;</li></ul> <p>The holder of this position is directly subordinated to the department director and collaborates with the colleagues within the department.</p> <p><b>Tasks and responsibilities:</b></p> <ul style="list-style-type: none"><li>- Conceive, plan and organize didactic and scientific activities,</li><li>- Didactic material usage</li><li>- Conceive and apply students` evaluation instruments,</li></ul>

	<ul style="list-style-type: none"> <li>- Use proper methods of communication with students,</li> <li>- Publish didactic and scientific papers,</li> <li>- Participate in pedagogical and specialty field training activities</li> <li>- Students preparation guidance: consultation, scientific workshops, elaboration of final papers.</li> </ul>
<b>Atribuții</b>	<ul style="list-style-type: none"> <li>• Normalized activities within staff position – teaching activities, seminars, practical and laboratory activities;</li> <li>- Study discipline: <b>Forestry Exploitations II</b></li> <li>- Activity type: course; study program: Forestry; year of study: III</li> <li>- Study discipline: <b>Forestry Exploitations II – project</b></li> <li>- Activity type: project work; study program: Forestry; year of study: III;</li> </ul> <p>Study discipline: <b>Tree Breeding</b></p> <ul style="list-style-type: none"> <li>- Activity type: laboratory work; study program: Forestry; year of study: III;</li> </ul> <ul style="list-style-type: none"> <li>• Other attributions: <ul style="list-style-type: none"> <li>- preparation of normalized activities within staff establishment</li> <li>- guidance regarding students` final papers</li> <li>- Evaluation within direct didactic activities</li> <li>- Evaluation and complementary activities within university final study commissions ;</li> <li>- Consultation</li> <li>- Scientific workshops guidance</li> <li>- Students` guidance in choosing the professional route within the transferable credits system</li> <li>- Participate at meetings, committees and assemblies for education interest;</li> <li>- Methodic and scientific preparation activities- individual preparation (selfdevelopment) ;</li> <li>- Course audition or participating at course modules ;</li> <li>- Participate at conferences, symposiums, congress organized within the main activity field or interdisciplinary fields;</li> <li>- Participate at organizing conferences, symposiums, congresses within the main activity field or collateral fields;</li> <li>- Participate in academic exchanges between universities in the country and abroad</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>- Elaborate books, guidelines and other didactic materials;</li> <li>- Scientific research activities foreseen within the internal plan and research center;</li> <li>- Treaties elaboration, monographies and specialty books.</li> </ul>
Salariul de încadrare	
Data publicării anunțului în monitorul oficial	<b>MO, no. 324 from 10.06.2014, part III</b>
Perioada de început și sfârșit de înscriere	<b>10.06.2014-18.08.2014 at 16.00</b>
Data, ziua din săptămână și ora susținerii prelegerii	<p><b>a) Public lecture on "Perspectives regarding the academic career" September 9, Tuesday at 12.00pm, 2014</b></p> <p><b>b) Didactic /scientific lecture - only for the candidates that do not come from higher education September 9, Tuesday at 14.00pm, 2014</b></p>
Locul susținerii prelegerii	University of Oradea, Faculty of Environmental Protection, 26 General Magheru street, 3rd Floor, 4.05 room
Datele de susținere a probelor de concurs, inclusiv a prelegerilor, cursurilor etc.	<p><b>c) Public lecture on "Perspectives regarding the academic career"</b></p> <p><b>a) September 9, Tuesday at 12.00pm, 2014</b></p> <p><b>b) Didactic /scientific lecture - only for the candidates that do not come from Higher Education September 9, Tuesday at 14.00pm, 2014</b></p>
Data de comunicare a rezultatelor	<b>09.09.2014</b>
Perioada de început și sfârșit de contestații	<b>10.09.2014 – 16.09.2014</b>
<b>Tematica probelor de concurs</b>	<p><b>1. Public lecture—</b> presenting the most significant professional results and the development plan of the academic career (10 pages maximum)</p> <p><b>2. Didactic /scientific lecture</b> sustained in front of the specialty commission and of students- only for the candidates that do not come from Higher Education</p> <p><b>Themes and bibliography for the didactic lecture:</b></p> <p><b>Study discipline: Forestry Exploitations II:</b></p> <ul style="list-style-type: none"> <li>o Methods and technologies of timber collection</li> <li>o Check-up of soil valuing document</li> <li>o Technological design of timber logging. Elaboration of felling area layout. Delimitation and subdivision of the felling area</li> </ul>

- Collection lines. Types of collection lines
- Structure of timber to be exploited. Determination of the average collection distance
- Logging costs. Choosing the optimal technological collection option
- Order 1540/2011 for the approval of the Guidelines on limits, terms and dates of collection, removal and transport of timber
- Organization of logging activity. Authorization of harvesting and delivery of felling areas. Restrictions and conditions on the provision of logging activities
- Prejudices. Measures to reduce the prejudices
- Control of logging activity. Cleaning the felling area from the logging remainings
- Readmission of felling areas
- Technological process of the primary platforms
- Technological process of forest transport
- Pre-industrialization process (sorting and final trimming)
- Labor productivity in logging operations

**Study discipline: Forestry Exploitations II – PROJECT:**

- Technological design of timber logging. General memo
- Layout of felling area. Delimitation and subdivision of felling area
- Structure of wood biomass to be exploited. Distribution of timber. Establishment of harvesting solution
- Calculation of average harvesting lengths. Hourly basic wages. Time norms
- Labor costs when harvesting, collection, primary wood conversion, cleaning the felling areas of logging remaining
- Need for fuels and lubricants
- Need for workers and equipment. Calendar schedule of works
- Assessment of expenses necessary for other activities required for the preparation and performance of logging works

**Study discipline: Tree Breeding**

- Objectives of forest species breeding
- Plant genetic resources of forests and their conservation
- Use of hybridizations in forest tree breeding
- Breeding through polyploidy
- Biotechnological and genetic engineering methods used in tree breeding
- Breeding through selection

## **Bibliography:**

### ***EXPLOATĂRI FORESTIERE***

- Ciubotaru A., 1996 – Elemente de proiectare și organizare a exploatării pădurilor, Ediția a II-a. Editura Lux Libris, Brașov
- Ciubotaru A, 1998 - Exploatarea pădurilor. Editura Lux Libris, Brașov
- Ciubotaru A., Câmpu V.R., David Elena Camelia, 2012 – Exploatarea și prelucrarea lemnului. Editura Universității Transilvania din Brașov
- Furnică H., Beldeanu E., 1985 – Exploatarea pădurilor cu elemente de industrializare a lemnului. Editura Ceres, București
- Horodnic S., 2003 – Bazele exploatării lemnului. Editura Universității “Ștefan cel Mare” Suceava
- Ionașcu Gh., 2002 - Exploatarea și valorificarea lemnului. Editura Tridona, Oltenița
- Oprea I., Sbera I. , 2004 – Tehnologia exploatării lemnului. Editura Tridona, Oltenița
- Smit Ildico, 2006 – Funiculare forestiere. Îndrumar de lucrări practice, Editura Imprimeriei de Vest, Oradea
- Timofte A.I. – Exploatarea pădurilor, Editura Universității din Oradea, 2007
- Timofte A.I, Budău R.– Exploatarea pădurilor. Îndrumar de lucrări practice și de proiectare. Editura AcademicPres, Cluj-Napoca
- \*\*\*, 2011 - Ordinul 1540 pentru aprobarea Instrucțiunilor privind termenele, modalitățile și perioadele de colectare, scoatere și transport al materialului lemnos
- \*\*\*, 2000 - Norme tehnice pentru evaluarea volumului de lemn destinat comercializării, nr.4, Ministerul Apelor, Pădurilor și Protecției Mediului, București

### ***AMELIORAREA ARBORILOR***

- Ardelean, M., Sestraș R., Cordea Mirela, 2007, “Tehnică experimentală”, Academic Pres, Cluj-Napoca
- ENESCU V., 1973, Ameliorarea arborilor, Ed. Ceres București
- ENESCU și colab., 1994, Înmulțirea vegetativă a arborilor forestieri, Ed. Ceres București
- Enescu V., L. Ioniță, M. Palada-Nicolau, 1994, Înmulțirea vegetativă a arborilor forestieri
- Palada Nicolau Magdalena, Pamfil D., 2008 - Biotehnologii de înmulțire, selecție și conservare la plantele ornamentale lemnoase, Academic Pres, Cluj-Napoca
- SAVATTI M. și M. SAVATTI jr., 2005, Ameliorarea arborilor forestieri, Ed. AcademicPres Cluj-Napoca
- SAVATTI M., G. NEDELEA, M. ARDELEAN, Tratat de ameliorarea

	<p>plantelor, 2004, Ed. Marineasa Timișoara</p> <ul style="list-style-type: none"> <li>• STĂNESCU V., 1983, Genetica și ameliorarea speciilor forestiere, Ed. Did. și Pedag. București</li> <li>• STĂNESCU V., 1990, Genetica și ameliorarea speciilor forestiere, Lucrări practice</li> <li>• Sestraș R., 2004 – Ameliorarea speciilor horticole, Editura AcademicPres, Cluj-Napoca</li> <li>• Șofletea, N., 2005 – Genetică și ameliorarea arborilor. Editura Pentru Viață, Brașov</li> </ul>
<b>Descrierea procedurii de concurs</b>	<p><b>1. Contest committee</b></p> <ul style="list-style-type: none"> <li>- The establishment of the contest committee structure is decided after the publication of the contest announcement.</li> <li>- The contest committee component includes substitute members.</li> <li>- The council of the Sociology, Social Work and Philosophy Department in which the position is encountered, will make proposals concerning the nominal component of the contest committee.</li> <li>- The contest committee component is presented by the Dean to the Faculty Council in order to be approved according to the Committee Department proposals.</li> <li>- The nominal component of the contest committee together with the approval of the Faculty Council will be submitted to the University Senate to be approved.</li> <li>- After the university Senate approval, the contest committee will be named through the Rector's decision.</li> <li>- Within 48 hours from the release of the Rector's decision, the decision will be send to the Ministry of Education and Research, and published both on the contest site and within the official gazette.</li> <li>- The contest committee is formed of 5 members, including its president, specialists in the opened position's field or similar fields.</li> <li>- In case of unavailability of a member in the committee work, the respective member will be replaced by the substitute member named after following the same procedure as for the committee.</li> <li>- The committee decisions are taken through the secret vote.</li> <li>- At least 3 members of the committee must be outside U.O., from universities within the country or abroad</li> <li>- The contest committee members must have a superior didactic or scientific title or at least to be equal with the position <del>placed</del> in the contest.</li> </ul>

## **2. Candidate`s Evaluation (for Professor)**

- The professional competencies of the candidate are evaluated by the contest committee according to the contest file and according to the 45 minutes public lecture in which the candidate presents the most significant professional anterior results and the development of the university career plan. This examination includes, in a compulsorily manner, a session of questions coming from the contest committee and form the audience.
- For the candidates that do not come from Higher Education there will be also a lecture in front of the students, in the presence of the contest committee. The lecture theme will be announced to the candidates with 48 hours before the lecture, through the web page of U.O.
- The contest committee for the position of Associat Professor / Scientific Researcher - II degree, composed according to *The contest Methodology for the occupation of a vacancy didactic or scientific position in the University of Oradea*, proceeds to hierarchy , keeping into account the foresight of Annexes no. 1-35 of The order concerning minimal approved necessary and compulsory standards for giving didactic titles in the superior education and of conferring professional research- development degrees, no. 6.560/2012, published in MO, PART I, No. 890 bis/27.XII.2012 - Annex no. 14 with the minimal standards for the field of Engineering Plants and Animals Resources
- The committee president draws a report concerning the contest based on the appreciation noted by each member of the committee, respecting the candidates hierarchy decided by the committee.
- The report concerning the contest will be approved through committee's decision and signed by each of its members and the president.
- The committee president will transmit the contest report, the appreciation reviews of the committee and the original file of the candidate to the faculty/department/center management respecting the previewed deadline for the contest.
- The contest files will be sent, through the university head secretary, at the university Senat.
- The contest report and the original file of the candidate will be sent by U.O. to The Ministry of Education and Research and CNATDCU, within the term previewed in the contest enrollment.

## **3. Appeals**

- Appeals will be exclusively submitted for inobservance of legal procedures.

	<ul style="list-style-type: none"> <li>- If a candidate held elements that can prove the inobservance of the contest legal procedures, he or she can formulate an appeal within 5 working days from the result's communication.</li> <li>- The appeal will be addressed in written. Will be registered at the U.O. registry and will be solved by the contest committee.</li> </ul>
<b>Lista de documente</b>	<p>a) <b>The contest application form</b>, registered at the University of Oradea, signed by the candidate, accompanied by an affidavit concerning the authenticity of the information presented in the file (standard form);</p> <p>b) The candidate's <b>Curriculum vitae</b> in written and in electronic format in accordance with the Methodology framework including its subsequent amendments and additions, art. 11. The CV will include information on:</p> <ul style="list-style-type: none"> <li>• education level and diplomas;</li> <li>• work experience and working places;</li> <li>• research-development projects managed as project manager and the grants received, in case there have been such projects and grants, with details in each case on the funding source, amount of funding and the most important publications or patents that resulted from the projects;</li> <li>• awards or other acknowledgments of the scientific contributions of the candidate.</li> </ul> <p>c) The candidate's <b>list of papers</b> in written and electronic format in accordance with the Methodology framework including its subsequent amendments and additions, art. 12; the list of papers will be structured as follows:</p> <ul style="list-style-type: none"> <li>• a list of no more than 10 papers considered by the candidate to be the most relevant for their professional achievements, and which are included in electronic format within the file and which can be also found in the other works categories mentioned in the current article</li> <li>• PhD thesis or theses;</li> <li>• patents and other industrial or intellectual property rights</li> <li>• books and book chapters;</li> <li>• articles/studies in extenso published in major international scientific journals;</li> <li>• papers in extenso included in publications of the main international professional conferences;</li> </ul>

	<ul style="list-style-type: none"> <li>• other papers and scientific contributions, or works of art, as the case may be.</li> </ul> <p>d) <b>The checklist regarding standards` fulfillment</b> in order to be accepted for the contest and/or to take the position in accordance with the minimal standards</p> <p>e) <b>The legalized PhD copy diploma</b> and if the original PhD diploma has been obtained abroad, the certificate of recognition or its validation by the state of Romania;</p> <p>f) <b>The summary</b> in Romanian and English <b>of the PhD thesis</b>, of maximum one page;</p> <p>g) <b>The candidate's statutory declaration</b> in which they present the situations of incompatibility as stipulated by Law no. 1/2011, situations the candidate might be in case of winning the contest or the absence of these situations of incompatibility;</p> <p>h) <b>Copies of other diplomas</b> that testify the candidate's studies: baccalaureate diploma or validation certificate, bachelor diploma or validation certificate, masters diploma or validation certificate – the original documents will be presented for conformity.</p> <p>i) <b>Transcripts</b>, diploma supplements or other school records issued for every study cycle - the original documents will be presented for conformity.</p> <p>j) <b>Copy of identity card or passport</b> or of another identity document as an equivalent for the identity card or of the passport;</p> <p>k) If the candidate changed his or her name, <b>copies of the documents that testify the change of the name</b> - marriage certificate or name changing proof;</p> <p>l) <b>Medical certificate</b> from which results that he or she is able to sustain didactic activity;</p> <p>m) <b>Maximum 10 publications</b>, patents or other papers of the candidate, in electronic format, selected by the candidate and considered to be the most relevant for his or hers professional accomplishments;</p> <p>n) <b>List of recommenders</b>, for the associate professor and full professor positions;</p>
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	<p><b>o) Public lecture</b></p> <p>If there are papers that are not available in an electronic format or cannot be scanned (theatrical or musical interpretation, paintings, etc.) photos or recordings will be submitted.</p> <p>The contest file will also contain a CD/DVD or other electronic form, with the whole content scanned, so it would be send to the contest committee.</p> <p>The legal department of the University of Oradea issues a notification that certifies that the candidate fulfills the legal conditions required to attend the contest.</p>
<b>Adresa unde se trimite dosarul de concurs</b>	Forestry and Forest Engineering Department, Faculty of Environmental Protection, 26 Gen. Magheru Street, Oradea, Romania
Comisie	<p><b>President:</b></p> <p>UNIVERSITY PROFESSOR PH.D. <b>CHEREJI IOAN</b>, UNIVERSITY OF ORADEA, FACULTY OF ENVIRONMENTAL PROTECTION</p> <p><b>Members:</b></p> <ol style="list-style-type: none"> <li>1. UNIVERSITY PROFESSOR PH.D. HOLONEC LIVIU, UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA, FACULTY OF HORTICULTURE</li> <li>2. UNIVERSITY PROFESSOR PH.D. IGNEA GHEORGHE, TRANSILVANIA UNIVERSITY OF BRAȘOV, FACULTY OF SILVICULTURE AND FOREST ENGINEERING</li> <li>3. UNIVERSITY PROFESSOR PH.D. PAMFIL DORU, UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA, , FACULTY OF HORTICULTURE</li> <li>4. UNIVERSITY PROFESSOR PH.D. VLAD IOAN, UNIVERSITY OF ORADEA, FACULTY OF ENVIRONMENTAL PROTECTION</li> </ol> <p><b>Substitute Members:</b></p> <ol style="list-style-type: none"> <li>1. CS I PH.D. POPA IONEL, FOREST RESEARCH AND MANAGEMENT INSTITUTE, CÂMPULUNG MOLDOVENESC, SUCEAVA</li> <li>2. UNIVERSITY PROFESSOR PH.D. BANDICI GHEORGHE EMIL, UNIVERSITY OF ORADEA, FACULTY OF ENVIRONMENTAL PROTECTION</li> </ol>
Metodologie	<a href="https://www.uoradea.ro/Facultatea+de+Protec%C8%9Bia+Mediului+-+info+posturi+-+2013-2014+sem.II">https://www.uoradea.ro/Facultatea+de+Protec%C8%9Bia+Mediului+-+info+posturi+-+2013-2014+sem.II</a>