



GRADUATE PROGRAM IN ENVIRONMENTAL ENGINEERING (PPGEA/UFES)

PUBLIC CALL 16/2018: SELECTION OF APPLICANTS (DOCTORAL DEGREE – CLASS 2019/02)

The Graduate Program in Environmental Engineering (PPGEA) of the Federal University of Espírito Santo (Ufes) is selecting applicants for its doctoral degree, starting **AUGUST 2019**. The program has three focus areas: **AIR POLLUTION, WATER RESOURCES** and **ENVIRONMENTAL SANITATION**. Classes are taught in Brazilian Portuguese. The target audience of this selection process is applicants who have finished undergraduate courses and/or who hold a master's degree related to the lines of research of PPGEA, and who have projects connected to the professors/supervisors of this Program. Applicants may become full-time or part-time students, but scholarship holders must become full-time students. The doctoral degree lasts up to 4 (four) years, including the fulfillment of credits in disciplines, development of research and dissertation, but it can be extended for 1 (one) more year, due to specific situations.

1. APPLICATION

Date: All applicants must register in the period between **May 30st** and **June 27st**, 2019.

Notice: applications will be accepted only if they meet the requirements described in Section 2 of this document.

Address: Universidade Federal do Espírito Santo, Centro Tecnológico, Secretaria do PPGEA, Prédio CT-VI, sala 210, Av. Fernando Ferrai, nº 514, Goiabeiras, CEP 29.075-910, Vitória - ES, Tel.: +55 27 3335-2324, ramal (extension) *9510

Notice: The documents for application may be sent by mail, through SEDEX, FEDEX or other type of registered mail. For the registration to be accepted, documents must be delivered at the PPGEA Secretariat until **June 27st**, 2019, according to Table 2. Applications which do not meet this deadline will not be approved.

Office Hours: 9 AM to noon.

Target Audience: Professionals with undergraduate course and master's degree related to the lines of research of PPGEA and projects of the professors/supervisors of this program (please read carefully Section 4 of this document); graduates without a master's degree who, evaluated by the Selection Commission, show excellence. Excellence refers to applicants who demonstrate the ability to carry a doctoral degree at PPGEA without having a master's degree. Proving excellence can be done through documents (using a specific form) or through oral expression (an interview). Additional information about this issue is provided in Section 2 and 3 of this call.

2. DOCUMENTS FOR APPLICATION

Documents for application must be sent/delivered in a sealed envelope, with the full name of the applicant and the chosen focus area written on it, organized in the following sequence:

- Application form (Annex 1), with a photo (size 3 x 4cm).
- Score Table of *Curriculum Vitae* [CV] (LATTES/CNPq type, simplified version, for Brazilian applicants) – filled and signed by the applicant (Annex 2)**.
- Spreadsheet for evaluation of Qualifying Stage (*fill only the “Coeficiente de Rendimento Escolar”/GPA – Annex 3*).
- Diploma of master's degree or certificate of completion, with the date of thesis defense prior to the date of enrollment, provided by the official department of a higher education institution (copy – both sides). For Brazilian applicants, only diplomas or certificates of completion accredited by CAPES, with a concept equal or superior to 3 (or equivalent) at the time of conclusion of the course, will be accepted. If the applicant does not have a master's degree, he/she should



prepare a document (please check for instructions in Annex 4) to support the evaluation of his/her ability to start directly, exceptionally, the doctoral degree as a regular student – evaluation done by the Selection Commission. This document can be written either in Portuguese or English.

- Research Proposal^{###} - print 2 copies + digital version (CD/DVD), written either in Portuguese or English (only for the ones who apply for vacancies as regular students at PPGEA).
- Transcript of Records of undergraduate and master's degree (if applicable) – copies.
- *Curriculum Vitae* [CV] in Portuguese or English (LATTES/CNPq type, simplified version, for Brazilian applicants – print copy at <http://lattes.cnpq.br>).
- CPF and ID card (copies) for Brazilian applicants.
- Voter registration card and certificate of voting in the last election - both sides (copies) - for Brazilian applicants.
- Passport (identification page, with photo – both sides copies) for foreign applicants.

Notice (only for applicants who are applying as regular students at PPGEA): 2 (two) letters of recommendation from a Professor/Researcher with a Doctoral Degree (Annex 5). They should be sent directly to the PPGEA Secretariat by the Professor/Researcher or by the applicant into a sealed envelope signed by the Professor / Researcher.

(**) The Score Table will be checked by the Evaluation Commission of each focus area at PPGEA. The applicant must fill it and will be responsible for the information provided on such Table.

(###) More information about the “Research Project” is provided in Section 6 of this call.

Notices:

1) The PPGEA Secretariat will not check the documents of the applicants at the moment of application/delivery, since applicants are responsible for the delivery of all documents required in this public call. The applicant is responsible for all information and documents provided in the application, which cannot be changed or added, for any reason.

2) At the end of the selection process, the documents of the applicants who were not approved will be available for at PPGEA Secretariat for 30 (thirty) days. After this deadline, these documents will be discarded.

3) PROOF OF PROFICIENCY IN ENGLISH LANGUAGE. Regular students of PPGEA from a English-speaking country are exempt from this proof. The proof of proficiency in English Language is a requirement for all regular students at PPGEA. Students of other nationalities are required to present the proof of proficiency in English language **up to 5 (five) months after the first enrolment as a REGULAR student at PPGEA**. One accepts the proof (original or copy registered at a notary office) of the following proficiency tests, with the MINIMUM GRADE (between parentheses), taken in the last 2 years, considering the date of presentation at PPGEA: Núcleo de Línguas/Ufes (6,0); VEC Online Score (66-73); Approximate VEC level (11-12), CEFR (B2); Cambridge Exam (FCE); IELTS (5,5-6,0); TOEFL iBT (65-78); TOEFL CBT (183-210); TOEFL ITP (513-547); TOEIC (605-780). **Other proficiency tests will not be accepted.**

4) PROOF OF PROFICIENCY IN PORTUGUESE LANGUAGE. Regular students of PPGEA from a Portuguese-speaking country (*Angola, Cape Verde, Guinea Bissau, Equatorial Guinea, Macao, Mozambique, Portugal, Sao Tome and Principe and Timor Leste*) are exempt from this proof. Students of other nationalities are required to present the proof of proficiency in Portuguese language **up to 5 (five) months after the first enrolment as a REGULAR student at PPGEA**. The only proficiency test of Portuguese language accepted by PPGEA, taken in the last 2 years, considering the date of presentation at PPGEA, is Celpe-Bras (minimum grade: intermediate level) - <http://celpebras.inep.gov.br/inscricao/>

3. CONFIRMATION OF APPLICATION

The confirmation of application by the Selection Commission will depend on the fulfillment of requirements described in Section 2 (Documents for Application). In the case of applicants without a master's degree, for a vacancy of regular student at PPGEA, the confirmation of application will depend on the decision of the Selection Commission about the documents provided (Annex 4), evaluated by



such Commission, concerning the applicant's ability to have direct access to a doctoral degree. The results related to confirmation of application will be published according to Table 2, at PPGEA Secretariat and on the website (<http://www.ambiental.ufes.br>).

4. FOCUS AREAS

- The Graduate Program in Environmental Engineering has three focus areas: AIR POLLUTION, WATER RESOURCES and ENVIRONMENTAL SANITATION. In the Application Form (Annex 1), the applicant must choose A SINGLE focus area.
- Additional information about focus areas, its lines and research projects can be obtained with PPGEA professors. One recommends, prior to the application, to contact professors who are offering vacancies (please check Section 5 of this call), and who are responsible for research projects which might be of interest to applicants - to check for the professional profile required by such projects and/or related lines of research.

5. VACANCIES AND LINES OF RESEARCH

The Graduate Program in Environmental Engineering, in this selection process, offers **up to 8 (eight) vacancies** for REGULAR student and **up to 3 (three) vacancies** for SPECIAL student of the doctoral course. The distribution of vacancies by professor is done considering the focus area and line of research, according to Table 1, available bellow. PPGEA reserves the right not to fulfill all the vacancies offered.

Notice: Vacancies in this call are offered both to Brazilians and foreigners, under equal conditions of competition.

Table 1. Vacancies and Lines of Research

DOCTORAL DEGREE			
Advisor	Line of Research	Vancances for Student:	
		Regular	Special
WATER RESOURCES FOCUS AREA			
Edmilson C. Teixeira	Planning Instruments of Water Resources in the Context of Regional / Territorial Development	1	0
ENVIRONMENTAL SANITATION FOCUS AREA			
Edumar Ramos C. Coelho	Advanced Techniques for Water Treatment	1	1
Renato Ribeiro Siman	Recovery of metals in Waste Electrical and Electronic Equipment (WEEE)	1	0
Renato Ribeiro Siman	Modeling and optimization of urban cleansing services and solid waste management	2	
Ricardo Franci Gonçalves	Recovery products from sanitary sewage	1	2
AIR POLLUTION FOCUS AREA			
Jane Meri Santos	Air Quality in Urban Environments	1	0
Neyval Costa Reis Jr.	Air Quality in Urban Environments	1	0

6. SELECTION CRITERIA

The selection of applicants for the doctoral degree, by focus area, will be done according to the following items, in the case of Regular or Special student in disciplines.

6.1. Regular Students

6.1.1. Analysis of Curriculum Vitae



The analysis of Curriculum Vitae (LATTES/CNPq type, simplified version, for Brazilian applicants) will be done according to the following items (period of analysis: 60 months prior to the publication of the call):

- Publications (papers published in indexed journals, book and/or book chapters, full and/or abstract conference papers);
- Officially registered internships at undergraduate or higher level;
- “Scientific Initiation” programs;
- MBA and/or master’s degree;
- Courses attended at PPGEA as a special student (non-regular student).

The applicant should score his/her curriculum according to Table 3 (Annex 2), based on the CV submitted. That is, any score indicated on Table 3 should match to the description in the CV. Each item of evaluation of CV indicated at Table 3 must be proven, by attaching a copy (one or two pages) of a supporting document. The contents of Table 3 (filled by the applicant) will be checked by the Evaluation Commission.

6.1.2. Presentation of Proposal for Research Work

The Research Proposal will be presented as a printed pre-project, with a specific theme, appointed by the professors of the focus area chosen by the applicant, using ABNT format rules for research projects and the guidelines indicated in Annex 6. As shown in Section 2, it will be part of the documents to be delivered/sent at the moment of application for the selection process.

Based on this Research Proposal, the Evaluation Commission will assess the level of preparation of the applicant concerning Scientific Methodology. One states that the theme of the Research Proposal presented will not necessarily be the theme of the doctoral dissertation proposal of the applicant, in the case he/she is approved in the selection process.

6.1.3. Interview:

The interview will be conducted by the professors of each focus area chosen by the applicant in the selection process. The following items will be assessed:

- Compliance of applicant’s professional profile with the lines of research/research projects offered by the professors, according to Table 1.
- Letters of Recommendation.
- Oral communication skills.
- Transcript of Records of undergraduate and master’s degree.

In order to register interview scores, the form shown on Table 4 will be used (Annex 3). **Notice:** In this form, the applicant should write **ONLY** the GPA (CR) described in his/her Transcript of Records. This information will be checked by the Evaluation Commission.

The qualifying grade (N2) obtained by the applicant will be given by the Evaluation Commission of each focus area, using the evaluation spreadsheet (Annex 3), considering: a) grade (N1) related to the analysis of CV; the professional profile of the applicant; letters of recommendation; oral communication skills; transcript of records.

The ranking of applicants for regular students at the doctoral degree of PPGEA (from the first to the last one) will be done in descending order of grades (N2) given to them. In case of draw of grade N2, for two or more applicants, the applicant with the best grades in “professional profile” will be best ranked. If the draw persists, one will use the best grade given for “curriculum vitae”. If that still persists, one will consider the scientific production in a qualified journal (Qualis/CAPES and impact factor). The minimum grade for approval is 7,0 (seven).

The final ranking of selected applicants (for regular students) will be published as a list per focus area, including lines of research/projects and supervisors.



6.2. Special Students in Disciplines

The selection of Special Students in Disciplines will take into account all applicants who chose one of the following options in the Application Form/Item 1: “REGULAR STUDENT or SPECIAL STUDENT IN DISCIPLINES of PPGEA” or “SPECIAL STUDENT IN DISCIPLINES of PPGEA”. In the first option, one refers to applicants who run for a regular student vacancy and who were not selected for this category. In the second option, applicants who run only for a vacancy of special student in discipline.

6.2.1. Analysis of Curriculum Vitae

The analysis of Curriculum Vitae (if possible, LATTES type, simplified version from CNPq) will be done according to the following items:

- Publications (papers published in indexed journals, book and/or book chapters, full and/or abstract conference papers);
- Officially registered internships at undergraduate or higher level;
- “Scientific Initiation” programs;
- MBA and/or master’s degree;
- Courses attended at PPGEA as a special student (non-regular student).

The applicant should score his/her curriculum according to Table 3 (Annex 2), based on the CV (LATTES/CNPq type, simplified version, for Brazilian applicants) submitted. That is, any score indicated on Table 3 should match to the description in the CV. Each item of evaluation of CV indicated at Table 3 must be proven, by attaching a copy (one or two pages) of a supporting document. The contents of Table 3 (filled by the applicant) will be checked by the Evaluation Commission.

6.2.2. Interview

The interview will be conducted by the professors of each focus area chosen by the applicant in the selection process. The following items will be assessed:

- Compliance of applicant’s professional profile with the lines of research/research projects offered by the professors, according to Table 1.
- Letters of Recommendation.
- Oral communication skills.
- Transcript of Records of undergraduate and master’s degree.

In order to register interview scores, the form shown on Table 4 will be used (Annex 3). Notice: In this form, the applicant should write ONLY the GPA (CR) described in his/her Transcript of Records. This information will be checked by the Evaluation Commission.

The qualifying grade (N2) obtained by the applicant will be given by the Evaluation Commission of each focus area, using the evaluation spreadsheet (Annex 3), considering: a) grade (N1) related to the analysis of CV; the professional profile of the applicant; letters of recommendation; oral communication skills; transcript of records.

The ranking of applicants for regular students at the doctoral degree of PPGEA (from the first to the last one) will be done in descending order of grades (N2) given to them. In case of draw of grade N2, for two or more applicants, the applicant with the best grades in “professional profile” will be best ranked. If the draw persists, one will use the best grade given for “curriculum vitae”. If that still persists, one will consider the scientific production in a qualified journal (Qualis/CAPES and impact factor). The minimum grade for approval is 7,0 (seven).

The final ranking of selected applicants (for special student in disciplines at PPGEA) will be published as a list per focus area. The special student in discipline will be supervised by a professor member of PPGEA who has (or has not) offered vacancies for students in this call (Table 1).



7. SCHOLARSHIPS

Note (Foreign Applicants): We state that the doctoral degree in Environmental Engineering at Ufes does not require the payment of any tuition fee. However, the student is responsible for using his/her own resources for traveling to Brazil and back to his/her home country, and for purchasing health insurance in Brazil and for presenting a proof of scholarship from funding agency in his/her home country or in Brazil. In Brazil, students can apply for a scholarship in agencies such as: CNPq (www.cnpq.br) and Capes (www.capes.gov.br), and programs like PEC-PG (Programa de Estudantes-Convênio de Pós-graduação).

Possible scholarships will be available, provided the requirements to internal criteria of the PPGEA and the availability of scholarship offers by the development agencies.

Any possible offer of scholarships is only for regular students at PPGEA, using competitive criteria. The criteria for distribution of available scholarships at PPGEA are defined by the Scholarship Commission and approved by the board of professors.

8. THE SELECTION COMMISSION

For this call, the selection process will be carried by the Selection Commission, whose members are Professors Julio Tomás Aquije Chacaltana (*Water Resources*), Ricardo Franci Gonçalves (*Environmental Sanitation*) e Jane Meri Santos (*Air Pollution*).

Among its duties, the Selection Commission will confirm and publish the applications for the selection process, according to Section 3 of this call, and will forward to the Board of PPGEA, for confirmation, the list of applicants approved in this selection process.

Situations not described in this call will be decided by the Selection Commission. In the case of appeal against the work of this Commission, the Coordination of PPGEA will perform intermediation, as a first measure to solve disputes. At the moment of application, applicants for this Selection Process become aware and accept the items described in this call.

9. DATES AND VENUES

TABLE 2: General Schedule of the Selection Process, including stages of appeal for a results review.

Stage	Date	Time	Venue/Notice
Publication of Call	May 30 nd , 2019	4 PM	http://www.ambiental.ufes.br
Applications	May 30 nd to June 27 st , 2019 <i>If sent my mail, received at PPGEA only until June 20st, 2019</i>	9 AM to noon	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210
Confirmation of Applications	July 1 st , 2019	Until noon	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210 http://www.ambiental.ufes.br
Interviews	July 04 th to 05 th , 2019	9 AM to Noon and 1:30 PM to 4:30 PM	To be announced. Online Interviews may be used.
Results	July 9 th , 2019	Until 4 PM	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210 http://www.ambiental.ufes.br
Appeal	July 10 th to 11 th , 2019	9 AM to noon	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210



Stage	Date	Time	Venue/Notice
Result of Selection (Final)	July 15 th , 2019 (maximum deadline)	Until 4 PM	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210 http://www.ambiental.ufes.br
Enrolment (*)	To be announced	To be announced	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210

(*) **Notice:** applicants approved in this selection process can only become PPGEA students after enrolment in the program, in the dates and times to be announced by e-mail and on the website (<http://www.ambiental.ufes.br>). The approval of any applicant in this selection process will not be valid if such applicant does not enroll in the appropriate period.

ANNEX 1

APPLICATION FORM FOR SELECTION OF STUDENTS FOR DOCTORAL DEGREE

01 - CHOICE OF APPLICATION:

- () REGULAR student at PPGEA
() REGULAR student or SPECIAL STUDENT IN DISCIPLINES at PPGEA
() SPECIAL STUDENT IN DISCIPLINES at PPGEA

Photo
3 x 4 cm

02 - CHOICE OF FOCUS AREA:

- () AIR POLLUTION () WATER RESOURCES () SANITATION

03 - CONDITION TO DEDICATE YOURSELF TO THE COURSE (40h per week):

- () ONLY WITH SCHOLARSHIP () WITH OR WITHOUT SCHOLARSHIP

04 - APPLICANT'S DATA:

Name: _____

Address: _____

District: _____ City: _____

Postal code: _____ State: _____ Tel: _____

Mobile: _____ Email: _____

Marital Status: _____ Date of birth: ____/____/____

Nationality: _____ Place of birth _____

CPF/PASSPORT number: _____

Brazilians applicants: ID. _____ Issuing Agency. _____ Date of Issue _____

05 - EDUCATION:

Undergraduate course: _____

Institution: _____

Beginning: ____/____/____ End: ____/____/____

Graduate Course:

- MBA (): _____

- Master's Degree (): _____

06 - PROFESSIONAL DATA:

Company: _____ Telephone: _____

Address: _____

City: _____ State _____ Weekly hours: _____

Position: _____

Place _____, Date _____

Applicant's Signature

ANNEX 2

CURRICULUM VITAE SCORE

(WARNING: SCORE CV ONLY WITH INFORMATION FROM THE LAST 60 MONTHS)

TABLE 3: Curriculum Vitae Score *(to be filled by the Applicant)*

CV Evaluation Item (##)	Single Score	Maximum Score	Total Score (**)
Publications in indexed journals with QUALIS/CAPES ^{\$\$} A1 (in the CAPES Area related to the applicant's undergraduate course or master's degree)	1,00	6,0	
Publications in indexed journals with QUALIS/CAPES ^{\$\$} A2 (in the CAPES Area related to the applicant's undergraduate course or master's degree)	0,85		
Publications in indexed journals with QUALIS/CAPES ^{\$\$} B1 (in the CAPES Area related to the applicant's undergraduate course or master's degree)	0,70		
Publications in indexed journals with QUALIS/CAPES ^{\$\$} B2 (in the CAPES Area related to the applicant's undergraduate course or master's degree)	0,50		
Publications in conferences (full paper)	0,20	2,0	
Publications in conferences (abstract)	0,10		
Author of technical books	1,00	3,0	
Author of chapters of technical books	0,40	3,2	
MBA (>= 360h), per certificate	0,20	0,4	
Master's degree, per diploma	1,00	2,0	
"Scientific Initiation" (each 6 months)	0,20	1,6	
Internships (each 6 months)	0,10	0,6	
Disciplines taken in PPGEA (passed)	0,20	0,6	
TOTAL (N1)		19,4	
<p>(**) Total of points to be calculated by the applicant. The score table will be checked by the Evaluation Commission of the Selection Process. The applicant is responsible for the information provided here, with the possibility of disqualification in the Selection Process.</p> <p>(##) Each item of evaluation of CV must be proven, by attaching (at the moment of application) a copy (one or two pages) of a supporting document.</p> <p>(\$\$) https://sucupira.capes.gov.br/sucupira/public/consultas/coleita/veiculoPublicacaoQualis/listaConsultaGeralPeriodicos.jsf</p>			

NAME OF APPLICANT: _____

FOCUS AREA: () AIR POLLUTION
 () WATER RESOURCES
 () ENVIRONMENTAL SANITATION

Place _____, Date _____

 Applicant's Signature

ANNEX 3

EVALUATION OF QUALIFYING STAGE

(WARNING: THE APPLICANT MUST FILL ONLY THE GPA/CR VALUE. THE OTHER FIELDS WILL BE COMPLETED BY THE EVALUATION COMMITTEE)

TABELA 4: Spreadsheet of Evaluation of the Classification Stage

Evaluation Item	Score Range	Score Range (Special students in Disciplines)	Obtained Score
Research Proposal	0,0 - 3,0		
Curriculum Vitae (N1M)**	0,0 – 2,0	(0,0 – 2,0) x 2	
Compliance of applicant's professional profile to the lines/research projects offered by professors according to Table 1	0,0 – 2,0	0,0 – 4,0	
Letters of recommendation (only for regular students) ^{\$\$}	0,0 – 1,0		
Oral communication skills	0,0 – 1,0	0,0 – 1,0	
Transcript of Records of undergraduate course	0,0 – 1,0	0,0 – 1,0	
TOTAL (N2)			
<p>(**) N1M: N1 Grade Modified (Modified Grade of Curriculum Vitae):</p> $N1M = N1_N * 2,0 / 10$ <p>N1_N is the N1 Grade Normalized:</p> $N1_N = (N1 \times 10) / N1max$ <p>where N1max is the highest grade obtained by the applicant of the focus area at PPGEA chosen by the applicant and N1 the score of <i>Curriculum Vitae</i> (Table 3)</p> <p>(##) Transcript of Records: GPA (CR) = _____</p> <p>a) GPA less than 5,0: Score = 0,0 b) GPA between 5,0 e 7,0: Score = 0,3 c) GPA between 7,0 e 8,5: Score = 0,6 d) GPA between 8,5 e 10,0: Score = 1,0</p> <p>(\$\$) Letter of recommendation:</p> <p>Score to be given by the Evaluation Commission of the focus area of the applicant, considering the global assessment of the two letters of recommendation.</p>			

NAME OF APPLICANT: _____

FOCUS AREA: () AIR POLLUTION
 () WATER RESOURCES
 () ENVIRONMENTAL SANITATION

ANNEX 4

INSTRUÇÕES PARA A PREPARAÇÃO DE DOCUMENTO QUE VISA FUNDAMENTAR A SOLICITAÇÃO DE INGRESSO DIRETO NO CURSO DE DOUTORADO, SEM A TITULAÇÃO DE MESTRE

(ver observação ao final dessa página, sobre Art. 23º do Regimento Interno do PPGEA)

✓ CAPA

Na capa do documento deve constar:

- O título: “SOLICITAÇÃO AO PPGEA/UFES PARA INGRESSO DIRETO NO CURSO DE DOUTORADO, SEM O TÍTULO DE MESTRE: FUNDAMENTAÇÃO DA SOLICITAÇÃO”
- O nome completo do solicitante
- A área de concentração que pretende ingressar como aluno de doutorado do PPGEA
- O mês e o ano da solicitação

✓ FUNDAMENTAÇÃO PELO SOLICITANTE

A partir da 1ª página, o solicitante deverá *desenvolver texto* que fundamente a sua solicitação. Torna-se importante destacar os aspectos que o tornam apto ao desenvolvimento do doutorado. Recomenda-se, caso pertinente, descrever sobre sua produção em ciência, tecnologia e inovação. Se possível, anexar ao documento cópia de artigos publicados, cópia de registro de patentes, entre outros documentos e/ou produtos que achar relevante.

O texto não deve ultrapassar 1.000 (mil) palavras. Ao seu final deverá ser datado e assinado pelo solicitante.

✓ SUPORTE ACADÊMICO/CIENTÍFICO À SOLICITAÇÃO

Na página que segue o texto de fundamentação da solicitação de ingresso direto no curso de doutorado, carta suporte, de professor e/ou pesquisador com título de doutor, à referida solicitação deverá ser anexada à documentação. A carta suporte a ser elaborada é no formato de texto livre, com no máximo 600 (seiscentas) palavras. Seu texto deve focar em aspectos que subsidiem a avaliação da Comissão de Seleção PPGEA/2017-2, a ser feita sobre a aptidão do solicitante para o desenvolvimento do doutoramento, sem que tenha realizado curso de mestrado.

A carta suporte deve ser datada e assinada pelo professor/pesquisador apoiador do solicitante, que deverá ainda, na mesma carta, apresentar informações sobre sua filiação institucional.

De acordo com o Artigo 23º do Regimento Interno do PPGEA

(www.ambiental.ufes.br/sites/ambiental.ufes.br/files/field/anexo/regimento_definitivo_18-2-2013.pdf)

§2º. O ingresso direto no curso de Doutorado poderá se dar no caso de aluno que tenha se destacado durante a graduação em programas de iniciação científica ou tecnológica, comprovado por meio de sua produção científica / tecnológica (relatórios de projetos de pesquisa ou tecnológicos, artigos publicados em congressos e em revistas, registros de patentes, etc.).

a) Alunos que pretendam ser considerados nessa possibilidade deverão seguir o procedimento normal de inscrição no processo seletivo do doutorado, apresentando no ato da inscrição relatório detalhado e comprovado de sua produção científico / tecnológica (com cópia dos artigos publicados ou submetidos para publicação, entre outros documentos).

b) A avaliação pela banca de seleção do relatório da produção científica / tecnológica documentada de tais alunos representará a 1ª fase do seu processo seletivo de doutorado, e será eliminatória.

c) As demais fases do processo seletivo serão iguais à dos demais candidatos ao doutorado.

ANNEX 5

LETTER OF RECOMMENDATION – DOCTOR’S DEGREE

FIELD A – TO BE FILLED BY THE APPLICANT:

Dear candidate, please fill item 1 of field A, and send this form to an evaluator of your choice who holds a doctoral degree. The evaluator can be a professor, a technical supervisor or equivalent.

A.1.Applicant’s Data:

Name:
Undergraduate Course:
Master’S Degree Course:
Date of Conclusion of the highest degree:
Home Institution of the highest degree:

FIELD B – TO BE FILLED BY THE EVALUATOR:

Dear evaluator, please fill this form and send it (sealed) to the applicant or to the secretariat of PPGEA.

This form is part of the selection process of the DOCTORAL DEGREE in Environmental Engineering. If you do not know the applicant well enough to provide the requested information, leave item B.2 blank.

B.1 Evaluator Data:

Name:.....
Highest level of Education:
Institution where you got the degree described above:.....
Institution or company where you work:..
Position:

B.2 Evaluation of applicant:

- **I have known the applicant for (years) as:**
 - () undergraduate student. () supervised student in final project
 - () supervised student in scientific initiation () researcher in a project.
 - () others (specify)
- **Out of people that I met in similar situations, the applicant is ranked as:**
 - () among the 5% best (10 points) () among the 50% best (4 points)
 - () among the 10% best (9 points)) () among the 50% worst (0 points)
 - () among the 20% best (7 points)
- **Please, scores the applicant according the following:**

Intellectual Skills:	poor	0	1	2	3	4	5	6	7	8	9	10	excellent
Individual Work skills:	poor	0	1	2	3	4	5	6	7	8	9	10	excellent
Team Work skills:	poor	0	1	2	3	4	5	6	7	8	9	10	excellent
Initiative:	poor	0	1	2	3	4	5	6	7	8	9	10	excellent
Creativity:	poor	0	1	2	3	4	5	6	7	8	9	10	excellent
Oral and written expression. skills:	poor	0	1	2	3	4	5	6	7	8	9	10	excellent

B.3 In your opinion how is the applicant suited to a postgraduate course? (mandatory)

poor 0 1 2 3 4 5 6 7 8 9 10 excellent

Date ____/____/____

Signature of Evaluator

Options for sending mail: 1) Secretaria do PPGEA. Centro Tecnológico. Universidade Federal do Espírito Santo. Prédio CT-VI, sala 210. Av. Fernando Ferrari, nº 514, Goiabeiras. 29075-910 Vitória-ES; 2) email: pos.engenhariaambiental@ufes.br, as a PDF ou JPG file. Assunto da mensagem: Carta de Recomendação - Nome Candidato – Seleção PPGEA

ANNEX 6

GUIDELINES FOR THE RESEARCH PROPOSAL

✓ COVER

The cover of the document should include:

- The title of the research proposal
- Candidate's full name
- The focus area chosen by the applicant to enter as a doctoral student of the PPGEA
- The line of research
- The advisor of interest
- The month and year of the proposal

✓ THE PROPOSAL CONTENT

The content that compose the research proposal are (in brackets is indicated the limit of page number for each topic; please do not exceed the limit of pages):

- INTRODUCTION (2 pages)
- OBJECTIVES (1 page)
- LITERATURE REVIEW (5 pages)
- METHODOLOGICAL ASPECTS (5 pages)
- PROPOSAL FOR ARTICLE PUBLICATION AND SUGGESTION OF THE SCIENTIFIC JOURNAL (relate the secondary objectives to the proposed publication)
- BUDGET AND FINANCIAL VIABILITY OF THE PROPOSAL (1 page)
- SCHEDULE OF ACTIVITIES (1 page)
- BIBLIOGRAPHIC REFERENCES (without limit)