



**PUBLIC CALL 07/2019**  
**SELECTION APPLICANTS 2020/1**  
DOCTORAL DEGREE

**SUMMARY**

Year:	2020
Semester:	First
Program Coordinator:	DIOGO COSTA BUARQUE
Date Call Notice Publication:	October 18 <sup>th</sup> , 2019

Registration period:	October 18th to November 20th, 2019
Vacancies (regular students):	12 (twelve)
Vacancies (special students):	8 (eight)
Confirmation of application:	November 22nd, 2019
Date for interview:	December 2nd to 4th, 2019
PARCIAL Results:	December 6th, 2019
Date for appeal:	December 9th and 10th, 2019
FINAL RESULTADO:	December 13th, 2019
Registration dates:	to be announced
Start of classes:	March, 2019
Telephone:	4009-2324 / Extension *9510
E-mail:	pos.engenhariaamboental@ufes.br

Vitória – ES, October 18th, 2019.

Diogo Costa Buarque  
Graduate Program in Environmental Engineering  
Coordinator



# GRADUATE PROGRAM IN ENVIRONMENTAL ENGINEERING (PPGEA/UFES)

## PUBLIC CALL 07/2019: SELECTION OF APPLICANTS (DOCTORAL DEGREE – CLASS 2020/01)

The Graduate Program in Environmental Engineering (PPGEA) of the Federal University of Espírito Santo (Ufes) is selecting applicants for its doctoral degree, starting **MARCH 2020**. 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 **October 18<sup>st</sup>** and **November 20<sup>st</sup>**, 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 **November 20<sup>st</sup>**, 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 Sections 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<sup>###</sup> - print 1 copy, 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 from <http://lattes.cnpq.br>, for Brazilian applicants) – print copy.
- CPF and ID card (copies) for Brazilian applicants.
- Voter registration card (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 12 (twelve) vacancies** for REGULAR student and **up to 8 (eight) 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

<b>DOCTORAL DEGREE</b>			
<b>Advisor</b>	<b>Line of Research</b>	<b>Vacancies for Student:</b>	
		<b>Regular</b>	<b>Special</b>
<b>WATER RESOURCES FOCUS AREA</b>			
Antônio Sérgio	Coastal and interior water resource management	1	0
Julio Chacaltana	Coastal and interior water resource management	1	1
<b>ENVIRONMENTAL SANITATION FOCUS AREA</b>			
Diogo Costa Buarque	Hydrology, Hydrossedimentology and Computational Modelling	1	1
Edumar Ramos C. Coelho	Sanitation, energy and product recovery	1	0
João Luiz Calmon	Life cycle assessment of processes and products in the built environment (buildings, infrastructure, environmental sanitation, industry and other production systems)	1	3
Renato Ribeiro Siman	Integrated solid waste management	2	1
Ricardo Franci Gonçalves	Water conservation and recovery in built environments/ Energy and nutriente recovery from wastewater and waste	0	1
Sérvio Túlio Alves Cassini	Microbiology applied to sanitation	1	0
<b>AIR POLLUTION FOCUS AREA</b>			
Jane Meri Santos	Mathematical and Stochastic Modelling of Atmospheric Processes	1	1
Neyval Costa Reis Jr.	Air Quality in Urban Environments	2	0
Valdério Anselmo Reisen	Mathematical and Stochastic Modelling of Atmospheric Processes	1	0

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## 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 from <http://lattes.cnpq.br>, 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:

- Research Proposal
- 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 (LATTES/CNPq type, simplified version from <http://lattes.cnpq.br>, for Brazilian applicants) 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 from <http://lattes.cnpq.br>, 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

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.

**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](http://www.cnpq.br)) and Capes ([www.capes.gov.br](http://www.capes.gov.br)), and programs like PEC-PG (Programa de Estudantes-Convênio de Pós-graduação).

## 8. THE SELECTION COMMISSION

For this call, the selection process will be carried by the Professors who offered vacancies with support of the Selection Commission, whose members are Professor 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	October 18 <sup>th</sup> , 2019	4 PM	<a href="http://www.ambiental.ufes.br">http://www.ambiental.ufes.br</a>
Applications	October 18 <sup>th</sup> to November 20 <sup>th</sup> , 2019 <i>If sent my mail, received at PPGEA only until November 20<sup>th</sup>, 2019</i>	9 AM to noon	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210
Confirmation of Applications	November 22 <sup>nd</sup> , 2019	Until noon	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210 <a href="http://www.ambiental.ufes.br">http://www.ambiental.ufes.br</a>

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Stage	Date	Time	Venue/Notice
Interviews	December 02 <sup>nd</sup> to 04 <sup>th</sup> , 2019	9 AM to Noon and 1:30 PM to 4 PM	To be announced by the research area. Online Interviews may be used.
Results	December 6 <sup>th</sup> , 2019	Until 4 PM	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210 <a href="http://www.ambiental.ufes.br">http://www.ambiental.ufes.br</a>
Appeal	December 9 <sup>th</sup> to 10 <sup>th</sup> , 2019	9 AM to 4 PM	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210
Result of Selection (Final)	December 13 <sup>th</sup> , 2019 (maximum deadline)	Until 4 PM	UFES, CT, Secretariat PPGEA Building CT-VI, Room 210 <a href="http://www.ambiental.ufes.br">http://www.ambiental.ufes.br</a>
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 AND ADVISOR:

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

Advisor of interest: \_\_\_\_\_

### 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 <sup>\$\$</sup> 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 <sup>\$\$</sup> 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 <sup>\$\$</sup> 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 <sup>\$\$</sup> 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	
<b>TOTAL (N1)</b>		<b>19,4</b>	
<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>(\$\$) <a href="https://sucupira.capes.gov.br/sucupira/public/consultas/coleta/veiculoPublicacaoQualis/listaConsultaGeralPeriodicos.jsf">https://sucupira.capes.gov.br/sucupira/public/consultas/coleta/veiculoPublicacaoQualis/listaConsultaGeralPeriodicos.jsf</a></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) <sup>\$\$</sup>	0,0 – 1,0		
Oral communication skills	0,0 – 1,0	0,0 – 1,0	
Transcript of Records <sup>##</sup>	0,0 – 1,0	0,0 – 1,0	
<b>TOTAL (N2)</b>			
<p><b>(**) N1M: N1 Grade Modified (Modified Grade of Curriculum Vitae):</b></p> $N1M = N1\_N * 2,0 / 10$ <p><b>N1_N is the N1 Grade Normalized:</b></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><b>(##) Transcript of Records: GPA (CR) = _____</b></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><b>(\$\$) Letter of recommendation:</b></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

### INSTRUCTIONS FOR THE PREPARATION OF A DOCUMENT BASED ON THE DIRECT ADMISSION REQUEST IN THE DOCTORATE COURSE WITHOUT THE MASTER TITLE

*(read note at the end of this page about Article 23 of PPGEA's Internal rules)*

#### ✓ COVER

The cover of the document should include:

- The title: "PPGEA/UFES APPLICATION FOR DIRECT ADMISSION IN THE DOCTORATE COURSE WITHOUT THE MASTER TITLE: RATIONALE OF THE REQUEST"
- Applicant's full name
- Area of concentration you intend to join as a doctoral student of PPGEA
- The month and year of the request

#### ✓ RATIONALE BY THE APPLICANT

From the first page, the applicant should develop text that justifies his request. It is important to highlight the aspects that make it suitable for doctoral development. It is recommended, if relevant, to describe about its production in science, technology and innovation. If possible, attach copy of published articles, copy of patent registration, and other relevant documents and / or products to the document.

The text should not exceed 1,000 (one thousand) words. At the end it must be dated and signed by the applicant

#### ✓ ACADEMIC/SCIENTIFIC SUPPORT FOR APPLICATION

On the page that follows the rationale text of the request for direct admission to the doctoral course, it must be attached to the documentation a support letter by a professor and / or researcher with doctoral title. This support letter to be elaborated is in free text format, with a maximum of 600 (six hundred) words. Your text should focus on aspects that support the evaluation of the Selection Committee PPGEA / 2017-2, to be made on the applicant's aptitude for the development of the doctorate, without having completed a master's degree.

The supporting letter must be dated and signed by the applicant's supporting professor / researcher, who must also, in the same letter, present information about his or her institutional affiliation

c) The other phases of the selection process will be the same as the other candidates for the doctorate

#### According to the Article 23 of PPGEA's Internal Rules

*([www.ambiental.ufes.br/sites/ambiental.ufes.br/files/field/anexo/regimento\\_definitivo\\_18-2-2013.pdf](http://www.ambiental.ufes.br/sites/ambiental.ufes.br/files/field/anexo/regimento_definitivo_18-2-2013.pdf))*

§2º. Direct admission to the Doctorate course may occur in the case of a student who has excelled during undergraduate programs in scientific or technological initiation, proven through his/her scientific/technological production (reports of research or technological projects, articles published in congresses and magazines, patent registrations, etc.).

a) Students wishing to be considered in this possibility should follow the normal procedure of enrollment in the doctoral selection process, presenting at the time of enrollment a detailed and proven report of their scientific/technological production (with copy of the articles published or submitted for publication, among others) documents).

b) The evaluation by the selection board of the documented scientific / technological production report of such students will represent the first phase of their doctoral selection process, and will be eliminatory.

c) The other phases of the selection process will be the same as the other candidates for the doctorate.

# 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)