FEDERAL UNIVERSITY OF VIÇOSA
GRADUATE PROGRAM IN SOILS AND PLANT NUTRITION
PUBLIC NOTICE 05/2026 SNP-UFV
SELECTION OF CANDIDATES FOR MASTER'S AND DOCTORAL DEGREES

The Graduate Program in Soils and Plant Nutrition of the Federal University of Viçosa (SNP-UFV) makes public the opening of the selection process for the Master's and Doctoral degrees for the first semester of 2027 (2027-1).

The Coordinating Committee of SNP-UFV will select candidates, subject to homologation by the Graduate Council of the Dean of Research and Graduate Studies of UFV.

The selection process follows the General Public Notice for Registration in stricto sensu Graduate Programs at UFV. The document is available at: https://ppg.ufv.br/edital-geral-2026-1-e-2026-2/

It is the candidates' responsibility to verify the information related to this selection process, published in the UFV General Public Notice (previous paragraph) and on the web page of the Graduate Program in Soils and Plant Nutrition of the Federal University of Viçosa (http://www.possolos.ufv.br).

Admission will follow the UFV Graduate School Calendar, available on the School Registry website (www.res.ufv.br).

1. VACANCIES

1.1 The selection process aims to fill 6 (six) vacancies for the Master's and 3 (three) vacancies for the Doctorate.
1.2 The vacancies will be distributed according to the SNP-UFV Selection Groups:

	Vacancies	
	Master's	**Doctorate**
Group 1	**1**	**1**
Group 2	**2**	**1**
Group 3	**1**	**0**
Vacancies reserved[(a)]	**2**	**1**
Total	**6**	**3**

(a) According to CEPE-UFV Resolution 08/2019 (http://www.soc.ufv.br/wp-content/uploads/08-2019-CEPE-A%C3%A7%C3%B5es-Afirmativas-P%C3%B3s.pdf), which deals with the "UFV Affirmative Action Policy", considering the provisions of Articles 3, 5, and 206 of the 1988 Constitution of the Federative Republic of Brazil; Law No. 9,394 of 1996, which establishes the guidelines and bases for national education; Law No. 12,711 of 2012, which establishes the reservation of vacancies in federal undergraduate and technical courses; Law No. 13,409 of 2016, which establishes the reservation of vacancies in federal undergraduate and technical courses for people with disabilities; Law No. 13,146 of 2015, Law 12,764 of 2012, and Decree No. 3,298 of

1999, which deal with the inclusion of people with disabilities, and MEC Normative Ordinance No. 13 of 2016, which provides for the induction of affirmative actions in Graduate Studies.

1.3 Candidates for vacancies reserved for black (black and brown), indigenous people, and people with disabilities must mandatorily indicate the SNP-UFV Selection Group for which they intend to compete. The vacancies reserved for UFV Affirmative Policies will be exclusive to Brazilian and naturalized foreign candidates.
1.4 All procedures for registration purposes in this selection process for candidates who opt for access to vacancies via UFV Affirmative Policies, as well as the requirements, documents, and other requests for eventual subsequent enrollment in the Program, are contained in CEPE-UFV Resolution 08/2019 (http://www.soc.ufv.br/wp-content/uploads/08-2019-CEPE-A%C3%A7%C3%B5es-Afirmativas-P%C3%B3s.pdf) and in the General Public Notice for Registration in stricto sensu Graduate Programs at UFV (http://www.ppg.ufv.br/wp-content/uploads/2012/08/EDITAL-GERAL.pdf), being the candidates' sole responsibility to read and fully observe them. The selection of candidates for reserved vacancies will follow what is established in Article 8 of the aforementioned Resolution, and the candidate will be directed to the Selection Group chosen at the time of registration.
1.5 All candidates for the master's and doctoral degrees must be professionals holding a diploma or graduating from an undergraduate course (for Master's) or a Master's course (for Doctorate).
1.6 Approval in this selection process does not constitute an a priori guarantee, promise, or commitment to call for enrollment, nor the granting of scholarships, now or in the future.
1.7 Eventual delays in the beginning of the receipt of scholarships may occur depending on the release by funding agencies. As the scholarships are released, they will be passed on to enrolled students, following the granting criterion based on the highest general final grade (NFG).
1.8 A larger number of candidates called for enrollment may occur, depending on the availability of scholarships in the Program, or resulting from the selection of candidates with an employment relationship who do not depend on SNP-UFV scholarships, in addition to scholarships originating from projects of supervising professors, at the discretion of the Program Coordination, provided they reach the minimum score for classification.
1.9 Candidates who indicate "Own Resources" in the Funding Source tab of the registration system must present an acceptance letter from an SNP supervising professor as a requirement for registration, according to the template available on the program's website. Each professor may provide a maximum of one letter to a candidate who indicates "Own Resources", with a limit of up to two letters per group.
1.10 The calling of alternates, due to the withdrawal of approved candidates or the offer of new scholarships, is the exclusive prerogative of the SNP-UFV Coordination, with no appeal against this decision, nor does it constitute any type of previously assumed obligation. In this process of calling alternates, what is indicated in CEPE-UFV Resolution 08/2019 for reserved vacancies will be respected.
1.11 Failure to attend on the day of enrollment or the lack of documents required for enrollment will result in the loss of the vacancy in the selection process. The SNP and UFV are not responsible for any delays in the completion of undergraduate and master's courses, and approval in this contest does not guarantee future vacancies in subsequent semesters.
1.12 Candidates approved for the doctorate may request entry in a continuous process with vacancy reservation.
1.13 The vacancy reservation for a candidate approved for the doctorate will only be granted if there are no alternates of the same level in the selection process.

1.14 Approved candidates in this public notice who are not awarded a scholarship will be included in the reserve list and may be called if the Program is awarded more scholarships.

2. SELECTION GROUPS

2.1 The SNP-UFV selection process occurs through groups related to the knowledge areas of Soil Science and Plant Nutrition.

2.2 The candidate must opt for one of the Selection Groups at the time of registration. Changing groups will not be allowed once the registration is finalized.

2.3 The SNP-UFV Selection Groups are constituted by the following professors:

Group 1 - Pedology (Soil genesis, classification, pedometrics, geochemistry, and mineralogy)
Prof. Carlos Ernesto Gonçalve Reynaud Schaefer
Prof. Elpídio Inácio Fernandes Filho
Profa. Isabela Cristina Filardi Vasques
Prof. José João Lelis Leal de Souza
Prof. João Carlos Ker
Prof. Márcio Rocha Francelino
Prof. Maurício Paulo Ferreira Fontes

Group 2 - Soil Management (Soil physics, agroecology, organic matter, and soil biology)
Profa. Emanuelle Mercês Barros Soares
Prof. Igor Rodrigues de Assis
Profa. Irene Maria Cardoso
Prof. Raphael Bragança Alves Fernandes
Prof. Teógenes Senna de Oliveira

Group 3 - Edaphology (Soil chemistry, fertility, and plant nutrition)
Prof. Edson Márcio Mattiello
Prof. Hidelblandi Farias de Melo
Prof. Júlio César Lima Neves
Prof. Nairam Félix de Barros
Prof. Rafael da Silva Teixeira
Prof. Reinaldo B. Cantarutti
Prof. Renildes L. Ferreira Fontes
Prof. Samuel Vasconcelos Valadares

2.4 The designation of advisors for approved candidates is the responsibility of the SNP-UFV Coordinating Committee, based on the SNP-UFV regulations. The profile and curriculum of the advising professors are available on the SNP-UFV pages (https://possolos.ufv.br/orientadores-2/).

3. REGISTRATION

3.1 The entire registration process will be carried out via online procedure in the "GPS System - Graduate Registration", according to guidelines at: https://adm.gps.ufv.br/administracao/processos-seletivos/1637/

3.2 Registration will be effective only after the conclusion of the electronic process and the inclusion of all requested documents.

3.3 Candidates opting for vacancies via UFV Affirmative Policies must insert the required supporting documents into the registration system and submit to the Validation Committee for the Self-Declaration of Black, Brown, or Indigenous Candidates, for hetero-identification, in the case of self-declared black and brown people, and for verification of supporting documentation, in the case of indigenous people. Candidates with disabilities must present a medical report attesting to the type and degree of the disability, with express reference to the corresponding code of the International Classification of Diseases (ICD), as well as the tests confirming their disability. More information can be obtained in CEPE-UFV Resolutions 10/2018 and 8/2019 and in the UFV General Public Notice.
3.4 It is the candidate's responsibility to follow up on registrations in the system and pay attention to the recommendations contained in the link indicated in item 3.2.
3.5 The SNP-UFV is not responsible for registration failures due to any technical reasons, computer or communication failures, communication line congestion, or any other factors that make it impossible or difficult to transfer data for the candidate's registration.
3.6 The SNP-UFV accepts registrations for its selection process from foreign candidates holding foreign scholarships or scholarships from private companies. In these cases, candidates must directly forward their request for admission to the Program to the SNP-UFV Coordination. After individual analysis of the requests and depending on the availability of advisors, the candidate's curriculum vitae, and the suitability of the work proposal, these candidates may be accepted through a simplified and special process.
3.7 Foreign candidates interested in graduate studies, applying for a Brazilian scholarship at SNP-UFV, must participate in this selection process, applying for a broad competition scholarship. In all cases, foreign candidates may not apply for vacancies destined for UFV Affirmative Policies.
3.8 The SNP-UFV does not adopt a limit to the total number of scholarships available to be granted to foreign candidates and will make them available among those intended for broad competition.

4. DOCUMENTATION
4.1 At the time of online registration, the candidate will attach the personal and academic documents required by UFV.
4.2 In addition to the documents mentioned in the previous item, the SNP-UFV requires the insertion of the following documents in the registration system:
4.2.1 Curriculum vitae according to the template available on the SNP-UFV website.
4.2.2 Proof of activities described in the curriculum.
4.2.3 Work plan.
4.2.4 Documents listed in item 3.4, if applicable.
4.2.5 Advisor's acceptance letter for candidates who opt for "Own Resources" in the "Funding Source" tab of the registration system, obeying the limits set out in item 1.9.
4.2.6 All files referring to the documentation to be inserted in the "GPS System - Graduate Registration", indicated or commented in items 4.1 and 4.2, must be previously converted to PDF format.
4.3 It is the candidate's responsibility to check the integrity of the documentation attached to the "GPS System Graduate Registration". Incomplete or illegible documents and corrupted files uploaded to the system will be disregarded in the selection process.
4.4 Other documents than those listed in item 4.2 may be required from candidates for vacancies reserved for black (black and brown), indigenous people, and people with disabilities, with the objective of proving the declared situation.

4.5 The candidate must have a full-duration higher education degree for the Master's, and a Master's degree for the Doctorate, both from institutions and courses recognized by the Ministry of Education or similar bodies in the countries of foreign candidates.

5. CURRICULUM VITAE

5.1 In the registration procedure, under "Documents to Send", in the item "Curriculum vitae", the specific SNP/UFV Curriculum Vitae must be attached, which is available for download in two files (Master's or Doctorate) under the item "Selection Process" on the page possolos.ufv.br, with the names "Curriculum Vitae SNP_Mestrado_2027_I" and "Curriculum Vitae SNP_Doutorado_2027_I".

5.2 The curriculum must be filled out in "docx" format or another text editing file, respecting the structure of the provided file, and it is only possible to increase the number of rows in the tables.

5.3 Each proof informed in the "Specific SNP/UFV Curriculum Vitae" must be numbered, in ascending order, in the "Document No. in Curriculum" field in the different tables to be filled out. This "Document No. in Curriculum" will identify the corresponding document in the "Proof of Activities" file (item 6 of this Notice).

5.4 Candidates must fill in the "Candidate score" column according to the criteria established and presented right after the table to be filled out.

5.5 Once finished, the document must be saved in "PDF" format before being attached to the registration.

6. PROOF OF CURRICULUM ACTIVITIES

6.1 All activities described in the candidate's "Curriculum vitae", following the document "Specific SNP/UFV Curriculum Vitae", must be proven by scanned copies of the respective vouchers.

6.2 All proofs of products and activities informed in the "Specific SNP/UFV Curriculum Vitae" must be scanned in PDF format and gathered in a SINGLE FILE, which must be attached to the online registration system in the item: "Requested proofs" in the "Specific Program Curriculum Vitae" - "single file".

6.3 The organization of the single file of proofs must follow the ascending numbering informed in the "SNP/UFV Curriculum Vitae" (item 5.3).

7. WORK PLAN

7.1 The Work Plan will be analyzed in the third stage of the process. The document can be prepared in Portuguese, Spanish, or English.

7.2 The Work Plan must cover: a) Introduction. Presenting the theme, objective, hypothesis, gaps to be filled; b) Material and Methods. Brief description of the proposed methods; c) Monthly schedule of the proposal; d) References.

7.3 The Work Plan must follow the formatting: up to four pages, Times New Roman font, size 12, 1.5 line spacing, margins of 1.62 cm at the top, 1.59 at the bottom, 1.41 on the left, and 1.98 on the right.

7.4 Candidates who present work plans outside the formatting will be disqualified.

8. REGISTRATION FEE

8.1 The registration fee boleto (bank slip) must be printed from the online registration page, under the "Registration Boleto" option, in the "Registration" item.

8.2 The registration fee value will be defined by UFV.

8.3 Foreign candidates and those residing abroad must pay the fee via international bank transfer (Wire Transfer), with the following credit data: Banco do Brasil / Universidade Federal de Viçosa /

Av. P.H. Rolfs, s/n - Campus Universitário - Viçosa-MG - CEP: 36570-900 / SWIFT: BRASBRRJBHE.
8.4 UFV adopts the possibility of registration fee exemption in its Selection Processes, in accordance with Article 1 of Decree No. 6,593, of 10/02/2008. The requirements for obtaining this benefit and the conditions for granting it are listed in the General Public Notice for Registration in stricto sensu Graduate Programs at UFV, document indicated at the beginning of this Notice. The exemption must be requested at the time of registration directly to the SNP-UFV, by filling out the "Exemption Form", which must be sent, after signed and scanned, to the email snp@ufv.br.
8.5 The result of the registration fee exemption requests will be published on the SNP website.
8.6 Foreigners cannot request a registration fee exemption.
8.7 If the exemption request is granted, it is the candidate's obligation to attach to the registration system the proof of registration in the Single Registry for Social Programs of the Federal Government (Cad-Unico) in the space reserved for the registration fee.
8.8 Candidates applying for the registration fee exemption must finalize the registration process in the GPS System, attaching the exemption form together with the proof of registration in the Federal Government's CadUnico in a single file, in PDF format. If the request is denied, the candidate will be allowed to pay the fee and finalize the registration by the deadline.

9. SELECTION
9.1 The selection process will consist of three stages: i) knowledge exam; ii) curriculum and academic transcript analysis, and; iii) oral interview by videoconference.
9.2 100 points will be distributed in each stage.
9.3 The first and third stages are eliminatory and classificatory. Candidates with a score lower than 60% of the total value of these stages will be eliminated from the selection process. The second stage is classificatory.
9.4 A candidate eventually disqualified in one stage will not continue in the selection process.
9.5 Preliminary results will be published on the SNP website.
9.6 Candidates have 2 (two) business days to file an appeal in each phase. Appeals must be sent by email to snp@ufv.br by 5:00 PM on the second day.

Schedule:

Step	**Date**
Applications	September 9th to October 5th
First stage - Knowledge exam	October 7th
Partial result - First stage	October 14th
Appeals	October 15th-16th
Second stage - CV and transcripts analysis	October 19th and 20th
Partial result - Second stage	October 21st
Appeals	October 22nd and 23rd
Third stage - Oral interview	October 27th
Partial result - Third stage	October 28th

Appeals	October 29th and 30th
Preliminary result	November 3rd
Appeals	November 4th and 5th
Final result	November 6th

10. FIRST STAGE - KNOWLEDGE EXAM

10.1 The written exam will cover general topics related to Soil Science and Plant Nutrition.
10.2 Candidates for Master's and Doctorate will take the same exam.
10.3 The exam will be executed via the internet, through a specific platform that will be presented to the candidate prior to its application.
10.4 The exam will consist of 9 (nine) open and/or objective questions, being 3 (three) for each of the SNP-UFV Selection Groups.
10.5 Open questions must be answered in the reserved space. Those outside the space will not be considered in the grading.
10.6 The exam questions will be written in Portuguese and English. The answers, in turn, may be written in Portuguese, Spanish, or English.
10.7 The registration number will be used as the candidate code and to allow blind grading of the exam.
10.8 The knowledge exam will last two hours and will start at 9:00 AM, Brasília time (GMT-3).
10.9 The maximum delay time tolerated for the candidate to start the exam will be 10 (ten) minutes, and the final time will not be altered because of this.
10.10 The final rules for taking the online exam will be sent to candidates at least two days prior to its application. The SNP will not be responsible for cases of loss of internet signal that may prevent the realization of the exam.
10.11 In grading the exam, aspects related to technical knowledge, as well as the clarity and organization of ideas, will be considered.
10.12 Each question on the exam will be graded and will be worth 10 (ten) points.
10.13 The three questions referring to the Group chosen by the candidate in the selection process will have a weight of 2 (two) in the final computation of the candidate's grade, while the other questions will have a weight of 1 (one).
10.14 The written exam grade will be obtained by summing the score of each question multiplied by its corresponding weight. With six questions of weight 1 and three of weight 2, there are (6 x 10 x 1) + (3 x 10 x 2) = 120 possible points on the exam.
10.15 The preliminary grade (NP1) will be the value obtained, according to item 10.14, multiplied by the factor 100/120, to adjust to a scale with a maximum of 100 points (total value of the exam).
10.16 Among the approved candidates, the final grade of each candidate (NF1) on the exam will be adjusted, considering as grade 100 the one obtained by the candidate with the highest grade at each level. The other candidates will have their grades proportionally adjusted.

11. SECOND STAGE - CURRICULUM AND TRANSCRIPT ANALYSIS

11.1 Only academic documents and activities developed as provided for in the "SNP/UFV Curriculum Vitae" will be considered in the Curriculum Analysis. Proofs, certificates, declarations, and other documents delivered or forwarded after the registration closing date will not be accepted.
11.2 The curriculum score provided by the candidate in the "Score Consolidation Table" at the end of the "SNP/UFV Curriculum Vitae" document will be verified by the Evaluation Committee, prevailing the final score defined by this Committee.

11.3 The final scores obtained by candidates in the curriculum evaluation will be adjusted, considering as 100 points the highest score among the entire set of candidates. The other candidates will have their scores proportionally transformed.
11.4 Academic transcripts will be evaluated with a maximum score of 100 points. In the case of Master's candidates, only the undergraduate transcript will be evaluated, and in the case of the Doctorate, only the Master's transcript. There will be no proportional adjustment of grades in this case in relation to the highest score obtained.
11.5 Proof of English mastery will be made exclusively through approval in standardized tests (item 11.7) and valid (item 11.8).
11.6 Native foreigners from English-speaking countries, or who completed their undergraduate or graduate studies in English, do not need to confirm proficiency.
11.7 The minimum score on standardized tests will be that required by Capes for purposes of submitting sandwich training proposals, namely:
a) TOEFL IBT = 71 points
b) TOEFL ITP = 527 points
c) IELTS = 6 points
d) Cambridge Exam = B2
e) DET (Duolingo English Test) = 105
11.8 The validity of certificates will also follow Capes guidelines for sandwich training, i.e.:
a) TOEFL (IBT and ITP) and DET: valid for 2 (two) years
b) IELTS: valid for 2 (two) years, and each band (listening, reading, writing, and speaking) must have a minimum score of 5 (five)
c) Duolingo, CAE, or FCE: no expiration date.
11.9 The reference date for the validity period of the standardized tests certificate is the last day of registration in this selection process, disregarding any possible deadline extension.
11.20 The candidate's preliminary grade in the second stage (NP2) will be calculated by the formulas:
NP2_Master's = [curriculum score x 0.65] + [transcript score x 0.35]
NP2_Doctorate = [curriculum score x 0.70] + [transcript score x 0.30]
11.21 Among the approved candidates, the final grade of each candidate (NF2) on the exam will be adjusted, considering as grade 100 the one obtained by the candidate with the highest grade at each level. The other candidates will have their grades adjusted proportionally.

12. THIRD STAGE - ORAL INTERVIEW

12.1 The third selection stage will consist of an oral interview, held by videoconference, destined exclusively to candidates not eliminated in the previous stages. It may be held in Portuguese, Spanish, or English.
12.2 The oral interview will last from 15 to 30 minutes. The oral interview will be held before an examining board composed of professor members of the SNP selection groups (item 2.4). If it is impossible to form this board with members of the same selection group, the SNP Coordination will appoint other DPS-UFV professors for this mission.
12.3 The oral interview will be conducted through Zoom, Google Meet, or similar applications, and it is the candidate's responsibility to ensure an adequate internet connection for the oral interview. Failure to attend on the scheduled day and time will result in a zero grade in this evaluation.
12.4 The candidate will receive a link for the oral interview at least two days in advance, and the interview will be recorded. By registering for this selection process, the candidate automatically authorizes the recording of the oral interview, whose content will be used for the evaluation of the selection process.

12.5 Candidates will be subjected to questions previously established by the evaluation committee about the proposed work plan, academic trajectory, and the reasons why they applied for the vacancy. The candidate must answer the questions orally.
12.6 The preliminary grade (NP3) of the oral interview will be the arithmetic sum of the points of the evaluation of the work plan, technical questions of the soils area, and the candidate's academic-professional history.

- Technical-scientific knowledge in the proposed concentration area and work plan: 0 to 55
- Notions of scientific research planning and execution: 0 to 15
- Logical sequence in constructing answers: 0 to 10
- Capacity for synthesis and objectivity: 0 to 10
- Correct use of technical terms: 0 to 10
- Total: 100

12.7 Among the approved candidates, the final grade of each candidate (NF3) on the exam will be adjusted, considering as grade 100 the one obtained by the candidate with the highest grade at each level. The other candidates will have their grades proportionally adjusted.

13. GENERAL FINAL GRADE AND CANDIDATE CLASSIFICAITON
13.1 The general final grade (NFG) will be calculated considering the grades obtained in the three stages, according to the following formula:
NFG = [NF1 x 0.50] + [NF2 x 0.40] + [NF3 x 0.10]
13.2 Depending on the NFG obtained, candidates will be classified in the SNP selection groups, in descending order.
13.3 The results will be initially published as provisional and, once the deadline for filing appeals has ended, they will be published again as definitive.

14. GRANTING OF SCHOLARSHIPS
14.1 The granting of scholarships by the SNP-UFV will respect the classification order within each group and, in case of candidate withdrawals, those classified in the same group may be called at the discretion of the Coordinating Committee and, in this case, always respecting the classification order in the selection process.
14.2 In case of withdrawals of candidates opting for reserved vacancies, Article 8 of CEPE-UFV Resolution 08/2019 will be followed and, in this case, the candidate who is called will be directed to the Selection Group they selected at the time of registration.
14.3 Once the selection process is finalized, supervising professors who have scholarships through individual projects with official funding institutions or other institutions, as well as public or private sector organizations, may recruit for such scholarships classified candidates regardless of classification order and Group, and after the agreement of the SNP-UFV Coordinating Committee.
14.4 To formalize the calling of candidates, the professor must formally state that they have a scholarship for the entire period of the student's training, and that they will at no time request a scholarship from the SNP.
14.5 The student to be recruited must accept the appointment and may not later request a change of advisor.
14.6 The candidate approved in this selection process may only enter the SNP without being granted a scholarship if they prove an employment relationship, have declared on the registration form that they do not depend on a scholarship, and have presented the advisor's acceptance letter. The

candidate opting for this condition may not subsequently apply for an SNP-UFV scholarship for the course.
14.7 In the event that the SNP is awarded fewer scholarships than the number of vacancies provided for in item 1.3 of this Notice, the Program's scholarship granting criterion will respect the highest general final grade (NFG) obtained by candidates. Approved candidates not awarded a scholarship will not be permitted the right to take the Program.

15. BASIC BIBLIOGRAPHY
15.1 The evaluation committee recommends reading the works listed below.

Group 1 - Pedology
- Ker, J.C. Latossolos do Brasil: uma revisão. Geonomos, 5, 1997. https://doi.org/10.18285/geonomos.v5i1.187
- Ker, J.C., Curi, N., Schaefer, C.E.G.R., Vidal-Torrado, P. (Ed). Pedologia (Fundamentos). Viçosa, MG: SBCS. 2012. 343p.
- Schaefer, C.E.G.R. (Ed.) The soils of Brazil. Springer. 2023. 488p. https://doi.org/10.1007/978-3-031-19949-3
- IUSS Working Group WRB. 2022. World Reference Base for Soil Resources. International soil classification system for naming soils and creating legends for soil maps. 4th edition. International Union of Soil Sciences (IUSS), Vienna, Austria.

Group 2 - Soil Management
- Brady, N.C. and Weil, R.R. The Nature and Properties of Soil. 2022. 13th Edition, Prentice Hall, Upper Saddle River, New Jersey.
- Cotrufo, M.F.; Lavallee, J.M. Soil organic matter formation, persistence, and functioning: A synthesis of current understanding to inform its conservation and regeneration. Advances in Agronomy, 172. 2021. https://doi.org/10.1016/bs.agron.2021.11.002
- Sociedade Brasileira de Ciência do Solo (SBCS). Manejo e Conservação do Solo e da Água. Viçosa: SBCS, 2024.
- de Jong van Lier, Quirijn. Física do solo. Viçosa: SBCS, 2010.

Group 3 - Edaphology
- Novais, R. F.; Alvarez V., V. H.; Barros, N. F.; Fontes, R. L. F.; Cantarutti, R. B.; Lima, J. M (Ed.). Fertilidade do solo. Viçosa: Sociedade Brasileira de Ciência do Solo, 2007.
- van Raij, B.; Andrade, J. C.; Cantarella, H.; Quaggio, J. A. (Eds.). Fertilidade do solo e manejo de nutrientes. Piracicaba: IPNI - International Plant Nutrition Institute, 2011
- Melo, V. de F.; Alleoni, R. F. (Ed.). Química e Mineralogia do Solo. Viçosa: Sociedade Brasileira de Ciência do Solo, 2007.
- Hansen, E. A.; Golden, M.; Spector, P. (Eds.). Handbook of soil science. Boca Raton: CRC Press, 2012.

15.2 It is the candidate's responsibility to seek complementary readings.

16. GENERAL PROVISIONS
16.1 Completing the registration in the online system implies the candidate's unrestricted submission to this notice and to the norms that regulate graduate studies at UFV, bearing the candidate responsibility for the documentation, data, and information presented, under penalty of nullity of their registration and resulting acts.

16.2 All results will be published on the electronic page of the Graduate Program in Soils and Plant Nutrition: www.possolos.ufv.br
16.3 The SNP-UFV Coordinating Committee will decide on omitted cases.
16.4 For any additional information, candidates should contact:
Coordination of Graduate Studies in Soils and Plant Nutrition
Department of Soils - Federal University of Viçosa 36570-900 - Viçosa, MG
Phone: (31) 3612-4505
E-mail: snp@ufv.br
Website: www.possolos.ufv.br

Viçosa (MG), September 9, 2026.