Certified Professional Soil Scientist

Soil Classifier

a program of the

Soil Science Society of America

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CSSE Soil Science Examination Information

Certification as a Certified Professional Soil Scientist (CPSS) requires passing both the Fundamentals of Soil Science and Professional Practice Examinations. Complete requirements for certification for both CPSS and Associate Professional Soil Scientist (APSS) are below—the associate status is targeted for soil scientists in training after graduation who have not gained the required work experience.

	Exam to Pass	Education	Experience
Associate Professional (APSS)	Fundamentals	Minimum B.S. degree in soils or related area	Upon graduation
Certified Professional Soil Scientist (CPSS)	Fundamentals Professional Practice	Minimum B.S. degree in soils or related area (15 credit hours)	5 yrs post B.S. 3 yrs post M.S./Ph.D.

PLEASE NOTE: Applicants that have passed the Professional Practice Exam must submit certification application forms within one year of notification of passing.

Cost and Eligibility for Examinations

Exam	Eligibility	Cost
Fundamentals	Junior standing	\$125
Professional Practice	B.S.—4 yrs of soils or related experience M.S.—2 yrs of soils experience Pass the Fundamentals Exam	\$125

Examinations are offered each April and November, and registration is necessary. Registration materials are available prior to each examination, and will be sent at the proper time for those who have made a request. Online registration will be available at www.soils.org/certifications/csse; email: mkrist@sciencesocieties.org; phone: (608) 268-4955.

Soil Science Certification

Introduction

If you consider yourself a professional in soils and you teach, are a consultant, or conduct research, you should consider certification. Certification in soils is based on measuring your qualifications against standards determined by the Soil Science of America's (SSSA) Soils Certifying Board. Anyone can call themselves a soil scientist or soil classifier. Only those that have had their credentials reviewed and approved by SSSA's Soil Certifying Board can distinguish themselves to their clients as a Certified Professional Soil Scientist(CPSS) or Certified Professional Soil Classifier (CPSC).

Registrants are certified by a board made up of certified professionals in the certification area. These board members are nominated by the certifying board and appointed by SSSA.

Purpose

Professional standards are needed for those whose activities affect the well-being of the general public. Professional standards have been recognized in such professions as medicine, law, engineering, and accounting. Problem solving in land use, crop production, waste management, and the use of agricultural chemicals create a need for the services of professionals. Such professionals must be able to show evidence of their qualifications. A certification program that identifies professionals for educational, scientific, and service activities with public and private agencies is in the public interest.

Soil Science Society of American maintains a registry of certified professionals in soils who met these standards.

Determining Eligibility

Certification is based on scholarly preparation and work experience supported by references. Individuals certified by SSSA have met the educational and practical experience standards, subscribe to the Code of Ethics, and qualify for identification and recognition as professionals. Credentials of applicants are reviewed by the soils certifying board.

Certification is for individuals only. The designation of CPSS/SC may not be used in such a manner as to indicate that a business, firm, or agency is a certified entity. Further, the professional designation(s) may not be used in any way to connote SSSA endorsement of a business, firm, agency, consulting service, product, or program.

Benefits

The CPSS/SC Registry identifies trained professionals who are required to participate in continuing education programs in their field of specialization. Certified Professionals are frequently called on to provide information on issues pertaining to their area of expertise and public concern. For example:

- · consulting for industry and commercial agriculture
- advising agencies of government
- giving legal testimony
- · providing valid information to the media

Reasons for Certification

- to promote and encourage professional development, growth, and renewal
- to enhance the visibility of the profession
- to maintain and promote high standards of performance by all members of the profession
- to publicize and exemplify the Code of Ethics
- to meet state and national requirements regarding individuals making recommendations to the public.

Certifications

Certifications available through ASA and SSSA follow:

Certified Professional (CP) Associate Professional (AP)
Agronomist, CPAg Agronomist, APAg
Soil Scientist, CPSS Soil Scientist, APSS
Soil Classifier, CPSC Soil Classifier, APSC
Certified Crop Adviser (CCA)

For further information or application forms on any other certification, contact SSSA Headquarters, Member Services Dept., Attn. Certification Programs, 5585 Guildford Road, Madison, WI 53711-5801; phone (608) 268-4955.

Soil Science

Certification Procedures and Standards

I. Certified Professional Status

A. General

- 1. Registration
 - Certification and inclusion in CPSS/SC Professional Registry is limited to individuals who are deemed qualified professionals in soils.
 - b. Registrants must subscribe to the Code of Ethics.
- 2. Certificate
 - A certificate is provided to each individual registered as a Certified Professional.
- 3. Renewal
 - a. Certification is valid through the current calendar year.
 - (1) Certification is renewable annually in accordance with recertification regulations (see I.E.1).

B. Area of Certification in Soil Science

- 1. Certified Professional Soil Scientist (CPSS)
- 2. Certified Professional Soil Classifier (CPSC)
 - a. The practice of soil surveying shall mean the practice of a professional soil classifier in any service, work, or educational endeavor, the adequate performance of which requires the use and understanding of the physical, chemical, mineralogical, and biological properties that apply to pedology. Pedology is the science of soils, their origin, character, and utilization.
 - b. This practice shall include proficiency in the application of the principles of pedology to soil classification, investigation, education, and consultation, on the effect of measured, observed, and inferred soil properties and their use. It shall include the preparation of soil descriptions, maps, reports, and interpretations, any of which apply to either private or public work.
 - c. A person shall be construed to practice or offer to practice pedology when they advertise their proficiency and willingness to practice either verbally, in writing by job classification, or by some other title that represents a professional soil classifier. This does not include the work performed by persons who sample and test the soil only for agricultural purposes, engineering activities, or environmental interpretations.

C. Minimum Requirements for Eligibility

- 1. Education Requirements
 - a. Possess a bachelor's degree from a U.S. or Canadian institution with a major in the area for which application is made or a closely allied field of science, meet the minimum core requirements, and have five years of professional experience, subsequent to the bachelor's degree, working in the area of certification requested. Experience while working toward an advanced degree does not qualify.
 - b. Possess a master's or doctoral degree from a U.S. or Canadian institution with a major in the area for which application is made or closely allied field of science, meet the minimum core requirements, and have three years of professional experience, subsequent to the

bachelor's degree, working in the area of certification requested. Experience while working toward an advanced degree does not qualify.

2. Work Experience

- a. Applicants are required to demonstrate the percentage of work experience in the certification area.
 - (1) Activities such as farm management, consulting, research, extension, and teaching require a minimum of 70% of the applicant's time working directly with area of certification for any time period to count fully as work experience.
 - (2) Work experience less than 70% will be prorated.
 - (3) Work experience must be in the area of application. A work experience summary will be attached to any other applications submitted by the applicant.
- b. Soil classifier applicants shall have not less than five years of cumulative professional experience in the practice of soil survey and classification and a portion of these five years must be in a position that indicates to the Board that the applicant is competent to practice soil classification without direct supervision.

3. References

- a. You must submit five references that are familiar with your work and professional experience. References must be familiar with work experience used to meet certification requirements and knowledgeable of agronomy, crops, and soils. The applicant will need to designate the time period for which the reference has personal knowledge of his or her work experience history.
 - At least one individual must be associated with your employment; an immediate supervisor, client, or coworker.

4. Core Requirements

- a. Soils applicants must meet the minimum core requirements as outlined within this document.
- A Soil Classifier must include 5 semester hours in soil genesis, morphology, classification, interpretation, or mapping within the 15 semester hours of soil science courses.

5. Exam Requirements

a. Soils certifications are exam based and all applicants for Soil Scientist or Soil Classifier are required to pass the Fundamentals and Professional Practice Soil Science Examinations. An individual must pass the Fundamentals Examination before they can take the Professional Practice Examination. Examinations are offered each April and November, and registration is necessary. Registration materials are available prior to each examination, and will be sent at the proper time for those who have made request. Online registration will be available at www.soils.org/certifications/ csse; email: mkrist@sciencesocieties.org; phone: (608) 268-4955. Exam participants must provide a #2 pencil to mark their answers on the answer sheet. NO exam materials are allowed in the exam site except calculators that perform simple math functions. No hand held computers of any type are allowed including but not limited to laptops, palm pilots, advanced memory function calculators, etc.

D. Application

1. Documentation

- Application is made by submitting the completed application forms and providing the following information.
 - An official transcript of all academic credits including verification of degree(s).
 - (a) If you have previously provided an official transcript for other Certifications, state for which certification. Another transcript is not required.
 - (2) A professional resume or personal biographical information, which includes educational background, a list of all professional positions held, a list of significant professional activities, and a list of memberships in professional and honorary organizations.
 - (3) The names and addresses of at least five individuals familiar with your work and professional experience. References should be selected from two or more agencies or organizations (refer to I.C.3).
 - (4) Completed Summary of Core Requirements form.
 - (5) Completed Professional Experiences form.
 - (6) Signed and dated Code of Ethics
 - (7) Those certified in one area who desire to apply for an additional area of certification may do so by completing the following:
 - (a) Submit completed application form, list of references, Core Requirements Form, and updated Professional Experiences form.
 - (b) Submit the appropriate fee for a second area as listed on the application form.
 - (c) Information pertinent to this application that is not already on file with the Certification Office should be included.
- Have you ever been charged, indicted or convicted of a felony, misdemeanor, or crime for which circumstances relate to being a soil scientist or soil classifier? The applicant should provide information if the reply is yes to allow the board to review the case.
- 3. Fees
 - a. An Application for Certification must be accompanied by the appropriate non-refundable fee as indicated on a current application.

E. Renewal

- 1. Annual Renewal
 - Certification may be renewed by earning the required Continuing Education Units (CEUs) and paying the appropriate annual fee.
 - b. Renewal is due annually on 31 December and is considered delinquent if not paid within 30 days after this due date. After 31 January, certification will be reinstated with payment of the annual fee plus a late fee. The registrant's name will be dropped from the active Registry if the fee is not paid by 1 April. After 12 months, reapplication is required.
 - After recertification has lapsed for 12 months, the individual must reapply following the current rules of application.
 - (2) For lapsed Certified Professional Soil Scientist and Certified Professional Soil Classifier this includes
 - (a) Taking and passing the Council of Soil Science Examiners' Fundamentals of Soil Science

- ence Examination and Council of Soil Science Examiners' Professional Practice of Soil Science Examination.
- (b) Meeting the education requirements.
- (c) Submitting appropriate references.
- (d) Meeting experience requirements.
- c. Continual training and education is required of all Certified Professionals to keep abreast of rapidly changing conditions, techniques, and requirements in their field. Therefore, to ensure the validity and integrity of certification, Certified Professionals must submit evidence of continuing education to maintain their Certified Professional (CP) status. During each 2-year period of certification, a minimum of 40 CEUs must be accumulated. Details of the recertification program are provided at the time one becomes certified.

F. Denial, Revocation, or Suspension of Certification

- 1. Rights and Responsibilities
 - a. The right to deny, revoke, or suspend certification is vested in the certifying board.
 - b. Since the certification program is entirely voluntary, ASA assumes no responsibility for any loss or disadvantage, real or imagined, that may be alleged to have resulted from denial of certification or revocation or suspension of an existing certification.
- Reasons for Denial, Revocation, or Suspension of Certification.
 - Certification may be denied, revoked, or suspended for any of the following reasons:
 - If the Soils Certifying Board determines that the applicant does not meet the minimum requirements as stated.
 - Violation of rules, regulations, or the Code of Ethics established by SSSA.
 - (3) Misrepresentation on an application, willful submission of incorrect information, or failure to include relevant information in any communication to the Member Services Dept.
 - (4) Substantial proven charges of incompetence in the area of certification.

3. Appeal

- a. Any applicant denied certification has the right of appeal.
- Any action to revoke or suspend certification shall be preceded by a copy of the complaint to the individual.
 - (1) Registrants will be given the opportunity to appeal any such disciplinary action.
- 4. If an applicant has been denied certification or certification has been revoked due to a cause relevant to the Code of Ethics, the individual must wait three years for reapplication. (The reapplication procedure described in section I.D. applies.) Certification may be approved at the discretion of the board. During the ensuing three years the individual must complete one professional ethics course each year. The first year begins at the initial date of application or at the initial date of revocation and the second and third years begin on that anniversary date. In order for the courses to satisfy this requirement, the board must approve the courses. The applicant may submit course information to the board for the board to determine approval or rejection prior to the individual's enrolling in the courses. During the first year, a course of at least 24 contact hours must be successfully completed. During the second and third years, the course must include at least 8 contact hours. Adequate documentation of successful completion

must be provided to the board which may include a copy of the certificate or transcript and course outline. At its discretion, the board may request additional course information. At the conclusion of the three years (time starts at the initial date of application or at the initial date of revocation), the applicant may reapply under the rules in effect at the time of the reapplication. Two or more ethics violations, as determined by the board, which occur after the initial application or date of revocation will result in permanent revocation of the certificant.

II. Associate Professional Status

A. General

1. Registration

a. It is acknowledged that individuals training in one of the certification areas may want to become professionally recognized through a professional certification program. There is a time lapse between completion of the degree and attainment of the minimum work experience required to be eligible for full certification. For such cases, the classification of Associate Professional (AP) is available.

2. Certificate

 A certificate is provided to each qualified individual registered as an Associate Professional.

3 Renewal

- Registration is valid for the current calendar year, renewable annually, and cannot exceed the number of years specified under time limit requirements.
- The Associate Professional does not participate in the recertification program until the Certified Professional status is acquired.

B. Area of Certification

- 1. Associate Professional Soil Scientist (APSS)
- 2. Associate Professional Soil Classifier (APSC)
 - a. See definition under I.B.3.a,b,c

C. Minimum Requirements for Eligibility

- It is expected that those persons applying for the Associate Professional status will be recent graduates who have not met the experience requirements for a fully Certified Professional. These graduates must meet degree requirements as stated for Certified Professional Status (I.C.1.ab).
- The Associate Professional must subscribe to the Code of Ethics and is subject to the same standards of ethics and professionalism as stated for Certified Professionals in all sections of Certified Professional status.
- 3. The Associate Professional applicant must take and pass the Fundamentals of Soil Science Examination.

D. Application

1. Documentation

- a. A request for registration is made by submitting a completed application form including the Summary of Core Requirements form and providing the following information:
 - An official transcript of all academic credits including verification of the degree(s).
 - (2) A professional resume, or personal biographical

information, that includes educational background, a list of all professional positions held, a list of significant professional activities, and a list of memberships in professional and honorary organizations. If the applicant has held one or more professional positions, information about these experiences should be included on the Professional Experiences form.

- (3) You must submit five references familiar with your work and academic record.
 - (a) One reference must be from the degreegranting institution or an immediate supervisor.
 - (b) If the applicant has held one or more professional positions, references from these positions are also requested.

2. Fees

- a. An application for certification must be accompanied by the appropriate non-refundable fee as indicated on a current application. The fee schedule is briefly outlined below:
 - Graduating students (bachelor, masters, or doctorate) qualify for a discount on the application fee if they apply and pay the required fee before graduation.
 - (a) The application will be processed when transcripts verifying receipt of the degree and other necessary documents are received.

E. Renewals

- 1. Registration is renewed annually by payment of a fee.
- For lapsed Associate Professional Soil Scientist and Associate Professional Soil Classifier, this includes
 - a. Taking and passing the Council of Soil Science Examiners' Fundamentals of Soil Science Examination.
 - b. Submitting appropriate references.
 - c. Meeting the educational requirements.

F. Associate Time-Limit Requirement

- 1. Degree Requirement
 - a. The length of time a person may hold the Associate Professional status before applying for Certified Professional depends on the degree held. All requirements are exclusive of resident, full-time, graduate school work beyond the bachelor's degree.
 - b. The individual holding a bachelor's degree is limited to six years as an Associate Professional and is eligible to apply for full certification after five years of professional practice.
 - c. The individual holding a master's or doctorate degree is limited to four years as an Associate Professional and is eligible to apply for full certification after three years of professional practice.

2. Termination

 a. The Associate Professional status is terminated at the end of the time periods stated above when Certified Professional status is granted.

G. Transition to Certified Professional Status

1. Application

a. Transition from the Associate Professional status to Certified Professional status is not automatic; *an application must be made.*

 An Associate Professional may apply for Certified Professional status after acquiring the minimum number of years of professional experience.

2. Documentation

- a. To apply for Certified Professional status, the Associate Professional must:
 - (1) Submit a completed application form (p. 7–8).
 - (2) Submit a professional resume or personal biographical information, which includes educational background, a list of all professional positions held, a list of significant professional activities, and a list of memberships in professional and honorary organizations.
 - (3) The names and addresses of at least five individuals familiar with your work and professional experience. References should be selected from two or more agencies or organizations (refer to I.C.3). These references, where possible, should include those who have been previously identified as familiar with the Associate Professional's professional work experience.
 - (4) Completed Professional Experiences form.

- (5) Remit the correct application fee. If the Associate Professional status is current, the application fee is one-half the amount for Certified Professional. If the Associate Professional status is not current (annual renewal fee not paid), the fees are the same as the Certified Professional application fee.
- (6) Must take and pass the Professional Practice Examination.
- (7) Have you ever been charged, indicted or convicted of a felony, misdemeanor, or crime for which circumstances relate to being a soil scientist or soil classifier? The applicant should provide information if the reply is yes to allow the board to review the case.

H. Denial, Revocation, or Suspension of Associate Professional Status

 The right to deny, revoke, or suspend certification as an Associate Professional is vested in the Soils Certifying Board as stated for Certified Professional status (see I.F).



Signed and dated Code of Ethics

Application for Professional Certification

5585 Guilford Road • Madison, WI 53711-5801 • (608) 268-4955 • FAX (608) 273-2081 • www.soils.org/certifications

1. APPLICANT'S NAME AND ADDRESS Please print or type: Office Use Only □ Dr. □ Mr. □ Ms. □ Mrs. □ Miss Certification No. First Name _____ Middle Name ____ _____ County (U.S. only) _____ State _____ Zip—U.S. & Canada_____ Country ___ ______ Home Phone ______ FAX _____ Office Phone ____ _____Email ____ Have you ever been charged, indicated or convicted of a felony, misdemeanor, or crime for which circumstances relate to being a soil scientist or soil classifier? Yes ☐ No If yes, attach an explanation. 2. PERSONAL DATA (Completion of this section is optional. Information re-5. FEES: garding specific individual members will not be released.) Certified Professional \$ 50 Associate Professional \$ 25 Birthdate _ Race __ Associate Professional Prior to Graduation \$ 10 Citizenship _____ Gender _____ FEE ENCLOSED \$_ (Fee is non-refundable) 3. AREA OF CERTIFICATION APPLYING FOR (Each Certification MAKE CHECK PAYABLE TO: requires a separate application.) SOIL SCIENCE SOCIETY OF AMERICA ☐ Currently certified as ___ ___ and applying for: (Payment must be in U.S. funds) The following credit cards are accepted: **Area of Certification** ■ MasterCard □ Visa ☐ Discover Certified Professional (CP) Associate Professional (AP) Card Number ___ ☐ Agronomist, CPAg ☐ Agronomist, APAg Expiration Date __ ☐ Soil Scientist, CPSS ☐ Soil Scientist, APSS ☐ Soil Classifier, CPSC ☐ Soil Classifier, APSC Cardholder's Name Please Print 6. NAME TO BE PRINTED ON CERTIFICATE: 4. DOCUMENTATION REQUIRED: Educational background including: institution, degree(s), major, and minor areas, Degree following name: (choose only one) date degree granted. An official transcript of all academic credits and including \square MS ☐ PhD Other ☐ None verification of degree(s) are required. Completed Professional Experience Form. List all professional positions held, Last Name professional activities, and membership and offices held in professional and honorary societies. References: First Name 1. For Certified Professional Applications refer to I, C, 3. 2. For Associate Professional Applications refer to II, D, 1, (3). d. Completed Core Summary Form. Middle Name Resume. e.

7. PROFESSIONAL EXPERTISE:

Please choose one or more categories in which you can substantiate that you are technically and professionally qualified to practice. Place the category code that you feel the most technically and professionally qualified to practice in the first choice and the next most qualified in the second choice and so on up to four choices

so on up to four choices.	ost quantied in the second enoice at
1 2 3	4
Acid-Sulfate Soils—S2	Land Resource Development—V7
Agricultural Administration—P3	Land Use—D2
Agricultural Climatology—El	Land Use Planning—D5 Molecular Cytogenetics—C4
Agricultural Development—F2 Agro-forestry—X0	Molecular Genetics—C3
Agronomic Education—P1	Nursery Management—I8
Agronomic Management—Fl	Nutrient Management—N3
Agronomy (general)—Al	Olericulture—H6
Best Management Practices—F4	Organic—O3
Biometrics—A3	Ornamental Horticulture—H9
Biotechnology—Cl	Pedology—U6 Pest Management—L7
Cell Biology—C2 Computer Assisted Design—B5	Pesticide Use—L8
Computer Modeling—B4	Plant Breeding—J2
Computer Uses—Bl	Plant Chemistry—K6
Conservation Education—P2	Plant Ecology—L2
Conservation Planning, Food Security	Plant Cytogenetics—J6
Act 1985—F5	Plant Cytology—J4
Comprehensive Nutrient	Plant Genetics—J8 Plant Metabolism—K2
Management—N4 Conservation Tillage—D6	Plant Nutrition—Ul
Crop Breeding—Jl	Plant Pathology—I5
Crop Chemistry—K5	Plant Physiology—K4
Crop Cytogenetics—J5	Plant Propagation—K7
Crop Ecology—L1	Plant Taxonomy—K8
Crop Genetics—J7	Pollution Control—G6
Crop Marketing—L3	Pomology—H5
Crop Metabolism—Kl	Post-Harvest Physiology—H7 Product R&D—W3
Crop Physiology—K3 Crop Production—L4	Range Management—X6
Crop Protection—L6	Range Soil Science—X3
Crop Quality—O1	Reclamation—W8
Crop Science—I1	Regulatory Admin./Enforcement—E5
Crop Specialization–Cannery	Regulatory Compliance—E6
Crops—P4	Resource Conservation—D4
Crop Specialization—Corn—P5	Saline Soils—R5 Seed Production—Ml
Crop Specialization—Cotton—P6 Crop Specialization—Grazing—P7	Seed Technology—M3
Crop Specialization—Rice—P8	Small Fruit Culture—I9
Crop Specialization–Small Grains—P9	Soil Biochemistry—Tl
Crop Specialization–Soybean—Q2	Soil Chemistry—S1
Crop Specialization–Tobacco—Q3	Soil Erosion Sediment Control—W5
Crop Specialization—Tree Fruit—Q4	Soil Fertility—U2
Crop Specialization Wheet O6	Soil Interpretations V2
Crop Specialization—Wheat—Q6 Crop Utilization—O2	Soil Interpretations—V2 Soil Management—W7
Cytology—J3	Soil Microbiology—T2
Digitized Mapping—B3	Soil Mineralogy—Z1
Edaphology—U3	Soil Morphology/Classification—V3
Entomology—L9	Soil Physics—R3
Environmental Protection—E3	Soil Plant Analysis—U4
Environmental Regulation—E2	Soil-Plant Correlation—U7 Soil Science—Q1
Ethics—E9 Farm Management—F6	Soil-Water-Plant Relation—U5
Farmland Preservation—F3	Soil Resource Inventory—V4
Fertilizer Technology—Yl	Soil Survey—V5
Fertilizer Use—Y3	Soil and Waste Management—Gl
Floriculture—H3	Soil and Water Conservation—W1
Floristry—H4 Forages—N2	Soil and Water Management—W2
	Statistical Analysis—B6 Streambank Stabilization—W6
Forest Soils—Xl Garden Center Management—I7	Surface Mine Reclamation—W4
Genetics—J9	Tissue Culture—C5
Greenhouse Production—H2	Tropical Agriculture—I3
Ground Water Quality—G7	Tropical Crops—I2
Hazardous Waste Management—G2	Turfgrass Management—Nl
Horticulture (General)—H1	Viticulture—H8
Hydric Soils—R4	Waste Disposal, On-site—G3 Waste, Land Treatment/Applic.—G5
Impact Assessment—E4 Information Systems—B2	Waste Management—G4
International Agronomy—I4	Water Diversion and Control—W9
International Horticulture—I6	Weed Control—LO
Irrigation—R1	Weed Science—L5
Irrigation and Drainage—R2	Wetlands Identification—WO
Labor Management—F7	Wildlife Management—X2
Land Classification—V8	Undefined, Other—Z9
Land Management—Dl Land Resource Analysis—V6	

8. PLEASE LIST NAME AND ADDRESS OF PRESENT EMPLOYER:
9. DIRECTORY OF CONSULTANTS
A directory of certified individuals is located on the web at: http://www.agronomy.org/certification/directory/
Would you like to be included?
□ Yes □ No
10. SIGNATURE
I hereby certify that all information submitted in support of this applicatio is correct and true to the best of my knowledge and that all information regarding this application will remain confidential. Before Certification i granted, I will read and sign the Code of Ethics.
Date Signature of Applicant



Summary of Core Requirements

SOIL SCIENCE CERTIFICATION

FOR OFFICE USE No. _

Areas of

This form does not substitute for transcripts, official transcripts are required.

Last Name			First Name			eas of		
						rtification sired	·	
Degree	Linix	ersity				.51100		
Major	. Oniv							
				Hours	credit		Office	
I. Professional Core	Course no.	Dept.	Title	Sem.	Qtr.	Grade	Office Univ.	use
Plant and Soil Biology								
(6 Sem. — 9 Qtr.)								
(agronomy, horticulture, forestry, crop protection, plant ecology, biology,								
microbiology, plant								-
physiology)								
			Total					
Soil Classification								
(5 Sem. — 8 Qtr.)								
(for Soil Classifier)								
			Total					
Soil Science								
Soil Scientist								
(15 Sem. — 23 Qtr.)								
Soil Classifier (10 Sem. — 15 Qtr.)								
			Total					
Additional—								
Professional Core Courses								
(3 Sem. — 5 Qtr.)								
			Total					
Total Prof. Core Required								
(24 Sem. — 37 Qtr.)			Total					

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	Course			Hours	credit	_	Office	1
. Supporting Core	no.	Dept.	Title	Sem.	Qtr.	Grade	Univ.	use
Chemistry								
(including 1 course in organic or biochemistry								
(12 Sem. — 18 Qtr.)								
			Total					
Physics								
•								
(3 Sem. — 5 Qtr.)								
			Total					
Tathematics								
(9 Sem. — 14 Qtr.)								
			Total					
tatistics								
(3 Sem. — 5 Qtr.)								
(Total					
Communications								
(include speech and								
technical writing)								
(6 Sem. — 9 Qtr.)								
			Total					
Conomics								
(3 Sem. — 5 Qtr.)								
(3 Seni. — 3 Qu.)								
			Total					
Engineering								
(3 Sem. — 5 Qtr.)								
			Total					
Geology								
(3 Sem. — 5 Qtr.)								
			Total					
dditional— upporting Core Courses								
(3 Sem. — 5 Qtr.)								
			Total					<u>i</u>
Oocument work experience or con	tinuing education	on that may substit	tute for any deficiencies.					
	-	-	-					

EXAMPLE



Professional Experience Form SOIL SCIENCE CERTIFICATION

INSTRUCTIONS

- 1. List full-time positions in sequential order, ending with current position.

 2. List only professional-level positions in the area of soil science beyond the baccalaureate degree.
 - Work experience while obtaining an advanced degree should not be included.
- List beginning and ending month and year for all positions.
 If you have worked in two positions concurrently, indicate under the percent time category the yearly percentage time you worked in each position.
- Show the percent time on an annual basis for each work activity (should total 100%).
 Under reference, list the reference(s) most familiar with each work experience.
 Duties and responsibilities should be specific and detailed.
 Be sure to total months of experience.
- Remember work experience gained while seeking a degree does not count toward the CPSS/SC work experience requirement.

EXAMPLE

Employment Information

Length From To	Degree Level	Employer Name, Location	Professional Title	% Time	Duties and Responsibilities	% Time/ Activity	Reference
06/6-88/6	BS	Davis Engineering Culpeper, VA	Soil Scientist	100	Delineate hydric soils on potential highway right of ways Describe soils on archaeology sites to meet environmental impact requirements Manage equipment for site investigations Coordinate GIS land use interpretation	50 5 10 35	Polly Pedon John Mudd David Auger William Profile
9/90-present	BS	Soil Pro's York, PA	Soils Investigator	100	Soil characterization for drain fields Development reports for county and state agencies for site suitability, permits for septic fields, landfills, and secondary road construction Workshops for clients on regulatory requirements and permits for construction	50 40 10	Steve Pitts

Months of experience this page

100

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Professional Experience Form SOIL SCIENCE CERTIFICATION

DETACH HERE

Reference	
% Time/ Activity	
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Responsibi	
Duties and Responsibilities	
% Time I	
Professional Title	
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Employer Name, Location	
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Degree Level	
lo I	
Length From	

	Reference		
Certification	% Time/ Activity		
	ponsibilities		
\exists	Duties and Responsibilities		
	% Time D		
	ofessional Title		
ructions.	Professional Title		
page for inst	er ation		
see example	Employer Name, Location		
Employment Information—Please see example page for instructions.	Degree Level		
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	Length From		



Certified Professional Agronomist sponsored by the American Society of Agronomy Certified Professional Soil Scientist Certified Professional Soil Classifier sponsored by the Soil Science Society of America

> www.agronomy.org/certifications www.soils.org/certifications

From:		То:			
110111.	Applicant's Name	10.	Reference's Name		
	Applicant's Address		Reference's Address		
	Applicant's phone number				
AREA	A OF CERTIFICATION APPLYING FOR	:			
Certifi	ed Professional (CP): 🗖 Agronomist, CPAg	☐ Soil	Scientist, CPSS	☐ Soil Classifier, CPS	C
Assoc	iate Professional (AP): 🗖 Agronomist, APAg	g 🗆 So	il Scientist, APSS	☐ Soil Classifier, AP	SC
needs	to Applicant: Please complete the above inforto complete the questions on the reverse side -5801 or fax both pages to 608-273-2081.				

Note to Reference: The above-named individual is applying for certification and has requested that you act as a reference. Once completed, please mail to ARCPACS, 5585 Guilford Road, Madison, WI 53711-5801 or fax both pages to 608-273-2081. An applicant must provide at least five references who are familiar with her/his experience. By completing this form you will be acting as a reference for the applicant named above.

Please answer the questions on the back of this form, and include any additional comments that you feel may be helpful. This form will be reviewed by the Certifying Board to ensure that the applicant has the necessary education and experience to be certified.

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1.	In what capacity have you had a Supervisor	association with the applicant? I am (w Relative		
	Supervisor Colleague	Classmate	Client	
	Friend	Classmate Academic Adv.	Client Other as:	
2.	What length of time have you k	nown the applicant in the above capac		vears
3.	For what period of time are you	familiar with the applicant's profession	onal work experience?	
	From to			
	From to _	month/year		
4.		ements for ARCPACS certification, in the area of certification as stated on		
	If "yes", please proceed and con If "no", please give a brief state	mplete the reference. ment of your reason(s); sign and return	n this letter immediately.	
5.	What particular strengths do yo	u feel the applicant has that may be im	nportant in the evaluation of	a professional?
6.		s fully qualified at this time for the cert evercome any weaknesses or deficience		Yes No
7.		nt's professional growth and developm vledge in the area of application. Also, applicant.		
8.	Do you recommend this applica	ant to be certified in the area of certific		se side? Yes No
Priı	nt Name	Your response will remain co	onfidential.	
		Pro	ofessional Title	
		Location		
		or Certified as		
Em				



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1.	In what capacity have you had association wit Supervisor		the applicant's: Subordinate		
	Colleague	_ Relative _ Classmate _ Academic Adv.	Client		
	Friend	_Academic Adv.	Other as:		_
2.	2. What length of time have you known the appl	icant in the above capacity?	years		
3.	1		work experience?		
	From to month/year month/year				
4.	4. Knowing the minimum requirements for AF ARCPACS to become certified in the area of a	RCPACS certification, do y			nt to
	If "yes", please proceed and complete the refe If "no", please give a brief statement of your r	erence. reason(s); sign and return this	s letter immediately.		
5.	5. What particular strengths do you feel the appl	icant has that may be import	ant in the evaluation of a profess	ional?	
6.	6. Do you feel that the applicant is <i>fully</i> qualified If no, how could the applicant overcome any v	d at this time for the certifica weaknesses or deficiencies?	tion listed?Yes	No	
7.	7. Please comment on the applicant's <i>profession</i> . ness, professionalism, and knowledge in the an making a fair evaluation of this applicant.				
8.	8. Do you <i>recommend</i> this applicant to be certifi	ed in the area of certification	as stated on the reverse side? _	Yes	_ No
	Your i	response will remain confid	ential.		
Pri	Print Name				
Sig	Signature	Profess	ional Title		
Em	Employer	Location			
Dat	Date Licensed or Certified a	s	Telephone		
Em	Email				



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	Colleague	Classmate Academic Adv.	Client	
	Friend	Academic Adv.	Other as:	_
2.	What length of time have you	known the applicant in the above capacity?	years	
3.	For what period of time are yo	u familiar with the applicant's professional wor	k experience?	
	From to to			
	month/year	month/year		
4.	Knowing the minimum requi ARCPACS to become certified	rements for ARCPACS certification, do you d in the area of certification as stated on the revo	feel qualified to <i>recommend</i> this applicerse side? Yes No	ant to
	If "yes", please proceed and co If "no", please give a brief stat	omplete the reference. rement of your reason(s); sign and return this let	ter immediately.	
5.	What particular strengths do yo	ou feel the applicant has that may be important	in the evaluation of a professional?	
6.	Do you feel that the applicant if no, how could the applicant	is <i>fully</i> qualified at this time for the certification overcome any weaknesses or deficiencies?	listed? Yes No	
7.		ant's professional growth and development, abiwledge in the area of application. Also, please results applicant.		
8.	Do you <i>recommend</i> this applic	eant to be certified in the area of certification as Your response will remain confidents		No
D. '	ut Nama			
Prii	nt Name			
Sig	nature	Professiona	ıl Title	
Em	ployer	Location		
Dat	teLicense	d or Certified as	Telephone	
Em	ail			



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	Colleague	Relative Classmate Academic Ad		Client	
	Friend	Academic Ad	v	Other as:	
2.	What length of time have yo	u known the applicant in the abo	ve capacity?	years	
3.	•	you familiar with the applicant's	professional work ex	perience?	
	Fromt	0			
	montn/year	montn/year			
4.	Knowing the minimum req ARCPACS to become certification	uirements for ARCPACS certified in the area of certification as s	ication, do you feel stated on the reverse	qualified to recommend side? Yes	this applicant to No
	If "yes", please proceed and If "no", please give a brief st	complete the reference. atement of your reason(s); sign a	and return this letter i	mmediately.	
5.	What particular strengths do	you feel the applicant has that m	ay be important in th	e evaluation of a professi	onal?
6.	Do you feel that the applican If no, how could the applican	t is <i>fully</i> qualified at this time for it overcome any weaknesses or d	r the certification listed leficiencies?	ed?Yes	No
7.		cant's <i>professional growth and a</i> cowledge in the area of application is applicant.			
8.	Do you recommend this appl	icant to be certified in the area of		ed on the reverse side?	YesNo
Pri	nt Name	•	v		
Em	nployer	Loc	cation		
Da	teLicen	sed or Certified as	Te	lephone	
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	Colleague	Classmate	Client	
	Friend	Relative Classmate Academic Adv.	Client Other as:	
2.	What length of time have you ke	nown the applicant in the above capacit		
3.	For what period of time are you	familiar with the applicant's profession	nal work experience?	
	From to			
	From to	month/year		
4.		ements for ARCPACS certification, doin the area of certification as stated on t		
	If "yes", please proceed and cor If "no", please give a brief state	nplete the reference. ment of your reason(s); sign and return	this letter immediately.	
5.	What particular strengths do you	a feel the applicant has that may be imp	portant in the evaluation	of a professional?
6.	Do you fael that the applicant is	fully qualified at this time for the certif	Faction listed?	Yes No
0.	If no, how could the applicant o	vercome any weaknesses or deficiencie	es?	
7.		nt's professional growth and developme ledge in the area of application. Also, p applicant.		
8.	Do you recommend this applicate	nt to be certified in the area of certificat	tion as stated on the reve	rse side? Yes No
Pri	nt Name	Your response will remain con	fidential.	
		Prof Location		
		or Certified as	reiepnone	
Em	nail			



Code of Ethics

Article I. Preamble

- 1. The privilege of professional practice imposes obligations of responsibility as well as professional knowledge. The AR-CPACS program certifies the credentials of individuals through national certification boards and state certification boards. Registrants who enter into ARCPACS via national certification boards will receive the designation of Certified Professional. The ARCPACS program will only award the title of Certified Professional to individuals who have completed a BS, MS, or PhD degree and have met the experience requirements as set forth by the following Certification Boards: Agronomy, Crop Science, Soil Science, Plant Pathology, Horticulture, and Weed Science.
- 2. The ARCPACS program will award the title of Certified to individuals who meet the experience, testing requirements, and the continuing education requirements of the State Boards participating in the Certified Crop Adviser (CCA) program. The CCA program does not require college level education. However, college education will substitute for part of CCA work experience requirement as provided for in the CCA guidelines.
- Certified Professionals and Certified Crop Advisers (hereafter called Registrants), at the request of a client or employer, must disclose the information used to gain certification. Registrants who knowingly misrepresent their credentials will face disciplinary action.

Article II. Relation of Professional to the Public

- A Registrant shall avoid and discourage sensational, exaggerated, and/or unwarranted statements that might induce participation in unsound enterprises.
- A Registrant shall not give professional opinion or make a recommendation without being as thoroughly informed as might reasonably be expected considering the purpose for which the opinion or recommendation is desired, and the degree of completeness of information upon which the opinion is based should be made clear.
- A Registrant shall not issue a false statement or false information even though directed to do so by employer or client.

Article III. Relation of Professional to Employer and Client

- A Registrant shall protect, to the fullest extent possible, the interest of his/her employer or client insofar as such interest is consistent with the law and professional obligations and ethics.
- A Registrant who finds that obligations to their employer or client conflict with their professional obligation or ethics should work to have such objectionable conditions corrected.

- A Registrant shall not use, directly or indirectly, an employer's or client's information in any way that would violate the confidence of the employer or client.
- 4. A Registrant retained by one client shall not accept, without the client's written consent, an engagement by another if the interests of the two are in any manner conflicting.
- 5. A Registrant who has made an investigation for any employer or client shall not seek to profit economically from the information gained, unless written permission to do so is granted or until it is clear that there can no longer be a conflict of interest with the original employer or client.
- 6. A Registrant shall not divulge information given in confidence.
- A Registrant shall engage, or advise employer or client to engage, and cooperate with other experts and specialists.
- A Registrant protects the interests of a client by recommending only products and services that are in the best interest of the client and public.
- A Registrant protects his/her credibility by disclosing to clients how he/she will be compensated for providing recommendations to the client.

Article IV. Relation of Professionals to Each Other

- 1. A Registrant shall not falsely or maliciously attempt to injure the reputation of another.
- A Registrant shall freely give credit for work done by others, to whom the credit is due, and shall refrain from plagiarism of oral and written communications and shall not knowingly accept credit rightfully due another person.
- A Registrant shall not use the advantage of public employment (i.e., university, government) to compete unfairly with other certified professions.
- A Registrant shall endeavor to cooperate with others in the profession and encourage the ethical dissemination of technical knowledge.

Article V. Duty to the Profession

- A Registrant shall aid in exclusion from certification those who have not followed this Code of Ethics or who do not have the required education and experience.
- A Registrant shall uphold this Code of Ethics by precept and example and encourage, by counsel and advice, other Registrants to do the same.
- 3. A Registrant having positive knowledge of deviation from this Code by another Registrant shall bring such deviation to the attention of the Board.

Approved by ARCPACS/ASA 11/92

I, the undersigned, agree to adhere to the above Code of Ethics.				
Print name				
Signature	Date			