



**American Society of Civil Engineers  
The Standard of Excellence behind  
AAWRE Certification**

ASCE is leading the effort to provide specialty certification in civil engineering with the participation of the ASCE Institutes and their associated Academies. ASCE Institutes and Academies are the best qualified to define and develop advanced civil engineering specialty credentials, define the body of knowledge for that specialty, and determine the criteria to qualify for certification. The AAWRE certification has been created with the support of ASCE's Environmental & Water Resources Institute.

Because of the increased demand for globally recognized credentials, specialty certification programs are growing in most professions as the knowledge needed to practice increases rapidly. Numerous entities are creating civil engineering certifications with questionable value or relevance. Be sure your professional credential is backed by the over 150 years of professional expertise and service that come with ASCE and its Institutes.

**Strengthening the Profession**

In addition to the many benefits that accrue to individual practitioners, specialty certification helps to advance the profession by assisting members develop leadership skills, advance technology, advocate lifelong learning, and promote the value of civil engineering.



**Advance Your Career with  
AAWRE Certification**

**How to Apply**

Candidates who wish to apply for the Diplomate, Water Resources Engineer credential can obtain a full application, fee schedule, and program details at <http://www.aawre.org> or contact AAWRE at the address below.

**For Additional Information**

Walter Marlowe, P.E., CAE  
American Academy of Water Resources Engineers  
1801 Alexander Bell Drive  
Reston, VA 20191  
Phone: 703-295-6414  
Fax: 703-295-6415  
E-mail: [certification@aawre.org](mailto:certification@aawre.org)



**AAWRE Certification –  
The Mark of Excellence  
in Water Resources Engineering**



**DIPLOMATE  
Water Resources Engineer**





The American Academy of Water Resources Engineers was founded by practicing water resources professionals who are members of the ASCE Environmental and Water Resources Institute (EWRI) to improve the practice, elevate the standards, and advance the profession of water resources engineering. AAWRE's core goal is to develop and oversee a voluntary, post-license, specialty certification program for water resources engineers.

## What is Specialty Certification?

Specialty certification is a voluntary, post-license credential that provides recognition of advanced expertise in a technical specialty, superior experience, strong ethics, and a commitment to life-long learning and continuing professional development. Water resources engineers who qualify for certification and pass the exam earn the designation of Diplomate. AAWRE certification is the highest level of achievement in water resources engineering.

## Why Become Certified?

Distinguish yourself in the field of water resources engineering with professional certification. Certification as an AAWRE Diplomate provides an advanced qualification beyond licensure that is recognized by clients, employers, peers, and the public. AAWRE certification sets the international benchmark for professional qualifications. The certification:

- Demonstrates your mastery of water resources engineering within civil engineering and your commitment to stay up to date on new technological innovations in the field.
- Exhibits your commitment to high ethical and professional standards.
- Highlights your skills to employers and clients, thus helping you stand out in the field.
- Demonstrates your strong commitment to professionalism through continuing professional development requirements.
- Increases your professional value.

Get the recognition you deserve. Validate your knowledge and expertise with AAWRE certification today!



## Requirements for Certification

Applicants for certification as a Diplomate, Water Resources Engineer shall meet the following requirements:

- Have good moral character and high ethical standing in the profession.
- Be actively engaged in the professional practice of water resources engineering.
- Possess a bachelor's degree in engineering or a related science plus either 1) a master of science or master of engineering degree in water resources, or 2) a doctoral degree in water resources engineering, or 3) have earned a minimum of 30 graduate level semester hours related to water resources engineering from a college or university with engineering program(s) accredited by ABET or its equivalent.
- Possess a valid license to practice professional engineering in the U.S. or equivalent license issued by a foreign country.
- Have obtained 10 or more years of water resources engineering experience.
- Agree in writing to adhere to the ASCE Code of Ethics.
- Submit a complete application, together with all fees and supporting documentation as required, including written recommendations endorsing the applicant from three peers who possess a valid license to practice professional engineering issued in the U.S. or equivalent license issued by a foreign country.
- Pass an assessment in a manner satisfactory to the Board of Trustees. As initially constituted, the assessment shall consist of two phases:
  - An oral presentation demonstrating that the applicant has mastered the requisite body of knowledge, and
  - An oral defense of the presentation in the form of questions and answers from Diplomates.



*To embrace change and enhance the professional practice of civil engineering requires that we raise the bar for the body of knowledge needed. AAWRE sets the standard for the practice of water resources engineering and helps ensure that our nation's water resources are developed, protected, and managed to the greatest good of our environment and the people that we serve.*  
—Darell D. Zimbelman, Ph.D., P.E., Associate General Manager, Northern Colorado Water Conservancy District

*The prestigious title of the academy reflects the depth of education, the skill in design, and the breadth of experience required by those who practice water resources engineering.*  
—S.K. Nanda, P.E., P.H., F.ASCE, Chief, Hydraulics Branch, Rock Island District, Corps of Engineers

*Certification through AAWRE raises the level of competence of those practicing water resources engineering.*  
—Albert J. Clemmens, Ph.D., P.E., Director, U.S. Water Conservation Lab, Agricultural Research Service

*The value of certification for water resources engineers is a more knowledgeable workforce with a commitment to continuing education to help protect the public health and safety for this advanced society.*  
—Jerry R. Rogers, Ph.D., P.E., F.ASCE, Professor, Dept. of Civil & Environmental Engineering, University of Houston

## AAWRE Goals & Objectives

- Identifying and certifying engineers with specialized knowledge in water resources for the benefit of the public.
- Recognizing the ethical practice of water resources engineering at the expert level.
- Enhancing the practice of water resources engineering.
- Supporting and promoting positions on water resources issues important to the public health, safety, and welfare.
- Encouraging life-long learning and continued professional development.

## Water resources engineering

is the professional discipline for the stewardship and sustainable use of the world's water and related resources. Water resources engineers develop and apply scientific and engineering principles to plan, design, construct, manage, operate, and maintain infrastructure programs.

