

Presentation of the American Academy of Water Resources Engineers

by
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AAWRE History

- ▶ The American Academy of Water Resources Engineers (AAWRE) was founded in October 2004 under the leadership and guidance of members from ASCE's Environmental and Water Resources Institute (EWRI), and was the first Academy created within Civil Engineering Certification, Inc. (CEC).

AAWRE started the Diplomate, Water Resources Engineer (D.WRE) certification program to adhere to ASCE's Policy 465– to broaden and deepen the body of knowledge for practicing engineers and to elevate the standards in civil engineering.

AAWRE 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.

AAWRE Vision & Mission:

- ▶ **Vision**

- ▶ Board Certified Water Resources Engineers are global leaders serving society in advancing sustainable management of the world's water.

- ▶ **Mission**

- ▶ Provide excellence in leadership by elevating the professional practice of water resources engineering through advanced certification, continuing education, and ethical practice.

Diplomate Board Certification

- ▶ **DIPLOMATE:** A Diplomate (Diplo-mate) is a Board Certified professional engineer who has attained certification as a board certified expert in the field of water resources engineering with advanced experience and expertise, advanced education and body of knowledge.

D.WRE Requirements

- ▶ Possess a valid license to practice professional engineering in the United States or equivalent license issued by another country.
- ▶ Have obtained 8+ years of professional water resources engineering work experience after receipt of first P.E. license.
- ▶ A masters degree or Ph.D. degree OR the applicant has mastered the requisite Body of Knowledge at the expert level in a manner and form acceptable to the Board of Trustees.

Why Become a Diplomat?

- ▶ Be recognized as a leader in the water resources engineering profession.
- ▶ Demonstrate your mastery of water resources engineering and your commitment to stay up to date on new technological innovations in the field.
- ▶ Exhibit your commitment to high ethical and professional standards.
- ▶ Highlight your skills to employers, clients and peers— helping you stand out in the field.
- ▶ Demonstrate your strong commitment to professionalism through continuing professional development and lifelong learning.
- ▶ Increase your professional value.

Why Become a Diplomat?

- ▶ The D.WRE certification is the highest advanced certification offered in the water resources engineering profession for professional engineers (P.E.) and is an accredited certification program by the Council of Engineering & Scientific Specialty Boards.

Questions:

- ▶ What is the process?
- ▶ Apply at <http://www.aawre.org/>
- ▶ The Admissions and Eminence Committees perform a rigorous Portfolio Review of each application package. Applicants with less than 15 years of post-licensure experience are normally required to take the oral examination to defend their body of knowledge gained, professional work experience and expertise.

Will it make a difference?

- ▶ Yes, research has concluded that professional certification will give you an edge over competition and will increase your value.
- ▶ The D.WRE recognizes the professional engineer as a leader in their respective field and expertise.
- ▶ The D.WRE represents that the professional engineer is committed to professional ethics and lifelong learning.

AAWRE and Other Academies

- ▶ AAWRE is in 14th year of operations and over 725 Diplomates certified and 38 Honorary Diplomates.
- ▶ The Academy of Geo-Professionals (AGP) was founded in October 2008 and has over 350 professional engineers certified.
- ▶ The Academy of Coastal Ocean Port and Navigation Engineers (ACOPNE) was founded in October 2009 and has over 200 professional engineers certified.

For More Information

Visit www.aawre.org

Email AAWRE at:

aawre@asce.org

or call (703) 295-6414

Questions??