

NASA Applied Sciences Program

Organizations Related to Water Management

The NASA Applied Sciences Program encourages teams and partnerships across public and private sectors, including national and regional organizations and associations. The following organizations are examples of national or regional associations related to Water Management.

(Note: This list is not exhaustive and is provided for reference and example only. The NASA Applied Sciences Program does not necessarily have established relationships with these organizations, and the Program does not imply endorsement of any organization on this list.)

- ❖ *American Water Works Association (AWWA):*
 - **Location(s):** Denver, CO (HQ).
 - **Mission Statement:** To advance public health, safety and welfare by uniting the efforts of the full spectrum of the drinking water community.
 - **Additional Info:** AWWA is defined by six core competencies (advocacy, communications, conferences, education & training, education & technology, sections) through which they communicate and interact with all audiences. Founded in 1881, AWWA is the largest organization of water supply professionals in the world. Its more than 57,000 members represent the full spectrum of the drinking water community: treatment plant operators and managers, scientists, environmentalists, manufacturers, academicians, regulators, and others who hold genuine interest in water supply and public health. Membership includes more than 4,700 utilities that supply water to roughly 180 million people in North America.
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 - **Contact Person:** Jack W. Hoffbuhr, Executive Director
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- ❖ *American Water Resources Association (AWRA):*
 - **Location(s):** Middleburg VA (HQ).
 - **Mission Statement:** To advance multidisciplinary water resources education, management and research.
 - **Additional Info:** Founded in 1964, the American Water Resources Association is a non-profit professional association dedicated to the advancement of men and women in water resources management, research, and education. AWRA's membership is multidisciplinary; its diversity is its hallmark. It is the professional home of a wide variety of water resources experts including engineers, educators, foresters, biologists, ecologists, geographers, managers, regulators, hydrologists and attorneys.
 - **Website:** <http://www.awra.org/>
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- ❖ *National Water Resources Association (NWRA):*

- **Location(s):** Arlington, VA (HQ).
 - **Mission Statement:** To ensure appropriate management, conservation, and use of water and land resources on a national scope.
 - **Additional Info:** NWRA is a nonprofit federation of state organizations whose membership includes rural water districts, municipal water entities, commercial companies and individuals. Their top priorities include the fair and reasonable implementation of the Endangered Species Act and Clean Water Act and the maximum full funding of water project needs on an agency-wide basis. The Association is the oldest and most active national association concerned with water resources policy and development. The memberships include organizations from agriculture, municipal, industrial, environmental, and recreation water interests that participate in every national issue affecting water conservation, management and development.
 - **Website:** www.nwra.org/
 - **Contact Person:**
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- ❖ *Water Education Foundation (WEF):*
- **Location(s):** Sacramento, CA (HQ).
 - **Mission Statement:** To create a better understanding of water issues and help resolve water resource problems through educational programs.
 - **Additional Info:** The Water Education Foundation offers a variety of programs to teach students about one of the most critical issues – water. The programs teach students about the history, geography and science of water, as well as the difficult political and policy decisions surrounding this complex issue. The organization also holds an annual briefing each March in Sacramento which features leaders from stakeholder groups, the Legislature and governmental agencies that play important roles in making policy decisions about water. Representatives from the urban, business, farming, environmental and public interest sectors also gather to discuss and debate their viewpoints on current water issues at the briefing.
 - **Website:** <http://www.water-ed.org/>
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- ❖ *American Ground Water Trust (AGWT):*
- **Location(s):** Concord, NH (HQ).
 - **Mission Statement:** To protect ground water, promote public awareness of the environmental and economic importance of groundwater, and provide accurate information to assist public participation in water resources decisions.
 - **Additional Info:** The Trust is an independent authority on the hydrologic, economic and environmental significance of ground water that combines technical expertise with a track record of networking and communication skills. It holds training programs throughout the United States to educate teachers on groundwater issues to teach their students, specialist conferences designed to help professionals, decision-makers, regulators, and legislators understand water supply groundwater protection, and environmental issues related to water resource development, and public health workshops

geared towards professionals involved with water supply and public health to learn about technical and regulatory issues.

- **Website:** <https://www.agwt.org/>
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❖ *American Institute of Hydrology (AIH):*

- **Location(s):** Smyrna, GA (HQ).
- **Mission Statement:** To enhance and strengthen the standing of hydrology as a science and a profession by establishing standards and procedure to certify individuals qualifies in surface-water, groundwater, and water-quality hydrology, establishing and maintaining ethical standards to protect to public from irresponsible work, providing education and training in hydrology, and providing the public and government advice and guidance concerning activities related to the hydrologic profession.
- **Additional Info:** The American Institute of Hydrology (AIH) was formed in 1981 as a non-profit scientific and educational organization, and is the only nationwide organization to offer certification to professionals in all fields of hydrology. The Institute adheres to the principles of responsible professional conduct and public service. The membership of AIH consists of Professional, Associate or Hydrologist-In-Training, Student, Corporate, Corporate Affiliate, and Institutional groups.
- **Website:** <http://www.aihydro.org/>
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❖ *Soil and Water Conservation Society (SWCS):*

- **Location(s):** Ankeny, Iowa (HQ).
- **Mission Statement:** To foster the science and art of natural resource conservation.
- **Additional Info:** SWCS is a nonprofit scientific and educational organization founded in 1943 that serves as an advocate for conservation professionals and for science-based conservation practice, programs, and policy. SWCS has over 7,000 members around the world that include researchers, administrators, planners, policymakers, technical advisors, teachers, students, farmers, and ranchers. Their work targets conservation of soil, water, and related natural resources on working land—the land used to produce food, fiber, and other services that improve the quality of life people experience in rural and urban communities. They work to discover, develop, implement, and constantly improve ways to use land that sustains its productive capacity and enhances the environment at the same time. They achieve their mission by improving the practice of conservation by fostering the development of state-of-the-art conservation practices and systems, improving conservation policy by bringing science and professional judgment to bear in shaping local, state, provincial, and federal policy, enhancing the capabilities of conservationists through training and professional development, and sustaining the ethic and spirit of professionalism among conservationists through networking and mutual support.
- **Website:** <http://www.swcs.org>
- **Contact Person:** Sue Ann Lynes, Executive Assistant
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❖ *Water Quality Association (WQA):*

- **Location(s):** Lisle, IL (HQ).
- **Mission Statement:** To promote the highest principles of honesty, integrity, fair dealing and professionalism in the water quality improvement industry and to preserve the consuming public's right to quality water.
- **Additional Info:** The Water Quality Association is a not-for-profit international trade association representing the household, commercial, industrial, and small community water treatment industry. It is a resource and information source, a voice for the industry, an educator for professionals, a laboratory for product testing, and a communicator to the public. It supports the Water Quality Research Foundation (WQRF), which serves as a universally recognized, independent research organization to conduct and fund scientific research on subjects relating to the water quality improvement industry. The Foundation, supported through donations and bequests, looks to the corporate community as well as to individuals to provide much-needed funding for continuing education and research activities that affect our industry. The Foundation has sponsored numerous research projects since its inception.
- **Website:** <http://www.wqa.org/>
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❖ *The Freshwater Society:*

- **Location(s):** Excelsior, MN (HQ).
- **Mission Statement:** To promote the protection and rational management of all freshwater resources.
- **Additional Info:** For over thirty years, the Freshwater Society has been a leading public nonprofit organization dedicated to conserving, restoring, and protecting freshwater resources and their surrounding watersheds. Through its program initiatives in freshwater resource management, groundwater and surface water stewardship activities, public education, conferences and publications, the Freshwater Society has been a catalyst for understanding one of our most important natural resources. In order to accomplish its mission, the Freshwater Society recognizes the vital role of freshwater to all living things and the impending crisis in the quantity and quality of accessible freshwater, dedicates its experience and resources to activities that lead to the understanding, protection, enhancement, and restoration of freshwater resources, and invites the participation and support of individuals, associations, business and industry, institutions, educators, and government in these activities.
- **Website:** <http://www.freshwater.org/>
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❖ *The Irrigation Association (IA):*

- **Location(s)**: Falls Church, VA (HQ).
- **Mission Statement**: To promote efficient and effective water management and be the voice of the irrigation industry worldwide.
- **Additional Info**: The IA, a 501(c)(6) non-profit business, promotes and supports the irrigation industry by providing a voice for the industry on public policy issues related to standards, conservation and water-use on local, national and international levels, acting as a source of technical and public policy information within the industry, raising awareness of the benefits of professional irrigation services, offering professional training and certification, and uniting irrigation professionals, including irrigation equipment manufacturers, distributors and dealers, irrigation system designers, contractors, educators, researchers, and technicians from the public and private sectors. The IA promotes modern water management skills and techniques for irrigated agriculture, turf, landscape and golf.
- **Website**: <http://www.irrigation.org/>
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