Help Sustain Water Infrastructure for the Future.

SWIM Center Membership helps to further demonstrate your commitment to the overall well-being of the Drinking Water and Waste-water industries. Your membership contribu-tions will be utilized in the sustainability of WATERiD and WATERiD+. Membership funds will frequently be leveraged as matching funds when SWIM Center resources are used for additional research projects targeted to the benefit of the water infrastructure indus-try. The WATERiD and WATERiD+ editor and webmaster will work together in the pursuit of additional enhancements to the National Database resources, such as prospectively the generation of WATERiD and WATERiD+ inte-grated technology design tutorials, decision support tools for technology selection, model-ing of bid data trends to better determine technology cost drivers, etc. Additionally, the utility volunteers have also unanimously expressed great interest in the continued (but costly) development of academically authored, utility perspective Case Studies. As a member, your support helps to cover cost of improving and sustaining the National Database. These improvements are crucial in enhancing and sustaining the National Database for Drinking Water and Wastewater Infrastructure Systems.

"Having an expansive knowledge base for condition assessment and renewal technologies that can assist drinking water and wastewater entities to more effectively put comprehensive asset management into practice, and meet their Clean Water Act and Safe Drinking Water Act requirements, fits well with the Environmental Protection Agency's (EPA) long-standing research investment into managing our Nation's water infrastructure."

- Thomas F. Speth, Ph.D., P.E., Director, Water Division, National Risk Management Research Laboratory, U.S. EPA.

"WATERiD is unique in that it allows utilities to share their "lessons learned" and thus avoid repeating mistakes. Support and enthusiasm from the industry has been vital in WATERiD's develop-ment."

- Dr. Daniel Woltering, WERF Director of Research

"Virginia Tech is doing wonderful research on Water Infrastructure. WATERiD has quite a wealth of data and useful information to share with Utili-ties. I recommend WATERiD wholeheartedly."

- Raj Bhattarai, Division Manager, Austin Water Utility, Austin, Texas

"By providing access to information and case studies on condition assessment and renewal engineering, WATERiD meets a real need in the water industry. I appreciate the great work that the Virginia Tech team has done."

- Jeff Leighton, Senior Engineer, Asset Management, Portland Water Bureau, Portland, Oregon

FOR FURTHER INFORMATION, PLEASE CONTACT: DR. SUNIL SINHA • SSINHA@VT.EDU 200 PATTON HALL, BLACKSBURG, VA 24061 WWW.WATERID.ORG

WATERiD and WATERiD+ Membership Opportunities

WATERiD
WATER *infrastructure* DATABASE

WATERiD+
WATER *infrastructure* DATABASE

VirginiaTech
1872

Institute for Critical Technology and Applied Science

SUSTAINABLE WATER INFRASTRUCTURE MANAGEMENT @ VIRGINIA TECH

SWIM

What is WATERiD?

WATERiD is the National Knowledge database from which water utilities and the rest of the water industry can gain access to information pertaining to the application of Condition Assessment, Renewal Engineering, and Management Practices. Resources to assist with product qualification, cost information, and utility benchmarking are also being aggregated. Considerations regarding the use of such technologies to achieve resiliency and sustainability are being covered. The role of such technologies in achieving asset management goals and achieving the water infrastructure needs for people and the environment are explored. Finally, the required Big Data Management techniques, such as the use of GIS and other databases, are also considered. WATERiD will be routinely leveraged by utilities in their efforts to qualify products and services.

What is WATERiD+?

WATERiD+ is envisioned to be "a Living Database Platform for Advanced Asset Management" addressing all three major management levels including strategic, tactical, and operational that will assist drinking water and wastewater utilities of all sizes to sustain their targeted level of service. WATERiD+ will: 1) provide the required uniform national standards for water infrastructure systems data; 2) establish a centralized platform which utilizes a GIS-driven Web-based interface; 3) develop and provide access to open-source applications, including models and tools, that leverage the standardized data and centralized platform to provide decision support for various asset management needs; 4) provide dynamic aggregation and centralized storage of inventory and inspection data from utilities, including detailed structural and environmental conditions; 5) leverage the centralized data set to calibrate, verify, benchmark, and visualize the models and tools for reliable use; 6) provide registered users with secure access to analyze their own utility data, as well as the ability to securely analyze aggregated data that cannot be identified by source or location; and 7) provide educational and professional outreach for a structured procedure to implement advanced sustainable asset management.

Membership Opportunities

The Virginia Tech SWIM Center is offering your company/organization a unique opportunity to support the sustainability of the WATERiD website and the associated continuing research program (WATERiD+), while achieving a significant marketing impact for your company. We invite you to review the Membership opportunities and the associated opportunities for industry recognition. Platinum Membership will also offer your company unique opportunities to influence the future of water infrastructure asset management. Your Membership will provide your company with early insights regarding how to better address utility asset management needs through your products and services. This membership opportunity is an invaluable chance for water industry partners to directly showcase their products/services to drinking water and wastewater utilities around the world.

Membership Benefits

A membership, unlike an advertisement at a commercial website or publication, has the added value of prominent recognition for providing academic benefit to the water infrastructure industry as a whole. Your membership will be recognized as selfless support by your company/organization of a highly regarded not-for-profit academic industry resource, and not merely perceived as a promotional effort. Unlike many academic program memberships, WATERiD and WATERiD+ members will also receive considerable marketing benefits as outlined for each membership level. Marketing benefits received for each membership dollar are competitive with industry advertising alternatives, and with the WATERiD and WATERiD+ website traffic being driven by free distribution of associated publications to utilities around the world, few other marketing opportunities will have as comprehensive of a reach.

Membership Levels

Platinum Membership

Benefits: **1)** Platinum member recognition. **2)** Association with a nationally and internationally recognized research center. **3)** Annual full access. **4)** Early access to research results. **5)** Discounted rate of 75% for registration for seminar and courses. **6)** Annual personal meeting with the Director. **7)** Temporary use of office space. **8)** A graduate fellowship. **9)** Access to confidential research information. **10)** Direct R&D support. **11)** Leadership in the DUG, VT SWIM Center IAB and VT SWIM DSC. **12)** Member link, Company hub page, product and service profile pages, and directory recognition. **13)** Support for 2 case studies and a discounted rate of $2400 per additional case study.
Annual Contribution: $24,000*

Gold Membership

Benefits: **1)** Gold member recognition. **2)** Annual full access. **3)** Early access to research results. **4)** Discounted rate of 50% for registration for seminar and courses. **5)** Annual meeting with the Director. **6)** Temporary use of office space. **7)** A graduate fellowship. **8)** Access to confidential research information. **9)** Direct R&D support. **10)** Member link, Company hub page, product and service profile pages, and directory recognition. **11)** Support for 1 case study annually and a discounted rate of $3000 per additional case study.
Annual Contribution: $12,000*

Silver Membership

Benefits: **1)** Bronze member recognition. **2)** Annual full access. **3)** Temporary use of office space. **4)** Member link, company hub page, product and service profile pages and directory recognition. **5)** A rate of $4200 per case study support. *Annual Contribution: $6,000**

Bronze Membership

Benefits: **1)** Bronze member recognition. **2)** Annual full access. **3)** Temporary use of office space. **4)** Member link, company hub page, product and service profile pages and directory recognition. **5)** A rate of $4200 per case study support. *Annual Contribution: $3,000**

Basic Membership

Benefits: **1)** Annual full access. **2)** Basic member level listing. **3)** Directory recognition.
Annual Contribution: $1500*

*Virginia Tech will not charge any overhead from this membership contribution.