Ali Ebrahimian, Ph.D.

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Ph.D., University of Minnesota, 2015

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Dr. Ali Ebrahimian has extensive academic and industrial experience in Water Resources Engineering and Management. His interdisciplinary research areas explore the dynamics and interactions of hydrological processes subject to climate- and human-driven stressors in urban and sub-urban environments at different scales to understand the linkages between sustainable water and resilient-smart infrastructure and land cover dynamics, green (natural-engineered) stormwater infrastructure, non-point source pollution, and integrated stormwater-energy-food systems. Socio-technical risk assessment and multi-criteria decision analysis in complex urban infrastructure systems is another area of his research. He integrates sensor-based monitoring and field measurements related to water and soil, GIS-based hydrologic modeling, and spatial/ statistical data analysis in his research projects.

Prior to joining FIU, Dr. Ebrahimian was a Research Professor at the Center for Resilient Water Systems at Villanova University where he worked with Philadelphia’s $2.4-billion *Green City, Clean Waters* program to advance the state of knowledge on planning, modeling, design, monitoring, and maintenance of stormwater green infrastructure systems.

Dr. Ebrahimian received his PhD degree in Civil Engineering from University of Minnesota where he worked at the world-renowned Saint Anthony Falls Laboratory. He also received his BS and MS degrees in Civil and Water Resources Engineering from Sharif University of Technology, Iran, in 1997 and 2000. Between 1998-2011, he worked as a consulting engineer, modeler, designer, systems analyst, and project manager in various disciplinary and interdisciplinary studies on urban water supply and stormwater management. He actively serves the profession through the American Society of Civil Engineers’ Environmental and Water Resources Institute (EWRI) and the American Geophysical Union (AGU). He is a member of Urban Water Resources Research Council and Stormwater Modeling Committee at EWRI. Also, he serves on national review panels for the National Academies of Sciences, Engineering, and Medicine, and is a reviewer for several prestigious journals.

For a list of publications click [here](https://scholar.google.com/citations?user=o5iNGbAAAAAJ&hl=en).