



Gina Tonn

PSAM12 Speaker Bio

A Longitudinal Analysis of the Drivers of Power Outages During Hurricanes: A Case Study with Hurricane Isaac

First Author

BIOGRAPHY:

Gina Tonn is a Ph.D. student in the Department of Geography and Environmental Engineering at Johns Hopkins University. Her research interests include risk analysis and statistical modelling as they pertain to water resource systems and natural hazards. She is particularly interested in flood risk analysis and mitigation, as well as impacts of climate change to water resource systems.

Gina has 14 years experience in Water Resources and Environmental Engineering, including hydrologic and hydraulic modelling, flood risk analysis, flood mitigation, stormwater design, and cost benefit analysis.



EDUCATION:

Ph.D. Program, Dept. of Geography and Environmental Engineering
Johns Hopkins University, Baltimore, MD 2012-present

M.S. Management of Technology 1998
Vanderbilt University, Nashville, TN

B.S. Biological Systems Engineering 1997
Virginia Tech, Blacksburg, VA

EXPERIENCE:

Project Manager/Water Resources Engineer 2002-2012
Duffield Associates, Inc., Wilmington, DE

Environmental Engineer 1999-2002
Designers and Planners, Inc., Arlington, VA

CERTIFICATIONS:

Registered Professional Engineer (PE): Delaware, New Jersey
Certified Floodplain Manager (CFM)