

## The Hazards Caucus Alliance Invites you to a Public Briefing



Sponsored by the American Geological Institute, American Geophysical Union,  
American Society of Civil Engineers

In Cooperation with Rep. Earl Blumenauer and the Congressional Hazards Caucus

### **Speakers:**

**Joe Manous, U.S. Army Corps of Engineers**  
**Art Guzzetti, American Public Transportation Association**  
**Gregory Slater, Maryland State Highway Administration**  
**Therese McMillan, Federal Transit Administration**

The global market relies on transportation infrastructure that has become more vulnerable to disruption with the increasing frequency and intensity of heat waves, storms, and natural disasters. A single disruption can result in delays and costs to economies around the world.

These apparent changes in climate norms may cause us to rethink how we design and maintain infrastructure. If “hundred year storms” occur every few years, roads will need to withstand higher weather risks to avoid premature replacement costs. Many questions remain for how transit and highway agencies evaluate risks and costs, and how best to design for resilience.

This briefing will inform us on how transportation can accommodate new weather patterns, where the gaps and vulnerabilities remain, and how federal policy and guidance can encourage best practices in adapting to climate change.

**Refreshments will be provided.**

**Joe Manous** is a Group Manager and serves as the Future Directions Team Leader for the Institute for Water Resources, US Army Corps of Engineers and is on a part-time detail to the Office of the Assistant Secretary of the Army for Civil Works. Dr Manous is a civil engineer specializing in the areas of water resources and environmental security issues associated with water. Before coming to work at the Corps of Engineers, Joe served as an Academy Professor at the United States Military Academy at West Point, where he taught courses in environmental engineering, water resources, and environmental security.

**Art Guzzetti** is a thirty-two year veteran in public transportation, currently serving as Vice President – Policy at the American Public Transportation Association. Prior to that, he held senior policy and government affairs positions at two of the nation’s leading public transit systems – New Jersey Transit, and Port Authority of Allegheny County (Pittsburgh).

**Gregory Slater** is Director of Planning and Preliminary Engineering for the Maryland State Highway Administration, responsible for program development, asset management, long range planning, highway statistics, environmental planning, project planning development, and travel forecasting and analysis. As Planning Director, Mr. Slater focuses on data driven decision support to develop sustainable solutions for Maryland, which allows MDSHA to focus on sustainability, climate change, and linking of planning and safety.

**Therese McMillan** is the Deputy Administrator for the Federal Transit Administration since 2009, where she has served on the Partnership for Sustainable Communities, and has worked to allocate \$8.78 billion in Recovery Act grants to enhance public transportation for American communities. Prior to her appointment, Ms. McMillan was the Deputy Executive Director of Policy at the San Francisco Bay Area Region's Metropolitan Transportation Commission.