

# America's Climate Choices: Adaptation Issues and Transportation Agencies

November 3, 2010



Session Duration: 120 minutes

The U.S. should act now to reduce greenhouse gas emissions and develop a national strategy to adapt to the inevitable impacts of climate change, according to a comprehensive suite of five studies issued by the National Research Council known as America's Climate Choices. Specifically, the studies encourage policymakers to anticipate and adapt to possible climate conditions to reduce risks to the nation's people, resources, and infrastructure.

This webinar will explore the impacts of climate change, including rising sea levels, increasing arctic temperatures and disappearing sea ice, and the frequency and intensity of extreme weather events like heavy precipitation, heat waves, and hurricanes. Participants will learn how these events may affect the ways that transportation agencies plan, design, operate, and maintain projects. Panelists will explore techniques and tools that can be used to assess risks to and determine vulnerabilities of transportation infrastructure.

TRB is a division of the National Academies, which include the National Academy of Sciences, National Academy of Engineering, Institute of Medicine, and National Research Council.

Session Presenters:

H. Gerard Schwartz, Consultant and member of the Panel on Adapting to the Impacts of Climate Change

Michael D. Meyer, Georgia Institute of Technology

Moderated by: Neil J. Pedersen, Maryland State Highway Administration