



# The International Conference on Ecology and Transportation

ICOET 2009 will focus on the challenges ahead as we adapt for future global climate changes, shifts in transportation demand and patterns, and evolving environmental and transportation policy. The conference theme is '*Adapting to Change.*' Abstracts for technical papers and poster presentations are now being accepted electronically via the conference website. Abstracts should address current planning and project activities, research applications, and best practices in the following topic areas:

Duluth Entertainment Convention Center  
September 13-17, 2009 • Duluth, Minnesota

## CALL FOR ABSTRACTS

**Deadline Extended  
to January 31, 2009**

Instructions for submitting abstracts are located on the ICOET 2009 website at [www.icoet.net](http://www.icoet.net).

For more information, please contact:  
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### *Planning for Change*

Interdisciplinary Approaches to Long-Range Planning/Context Sensitive Solutions • Integrating Information from Climate Change Models • Innovations/Agreements for Cross-Jurisdictional, Regional and Multi-Modal Issues • Integrating Ecosystem, Transportation, Economic, and Community Planning • Addressing Indirect and Cumulative Effects (ICEs) on Species • Landscape-Level Conservation Planning • Land Use Partnerships • Sea Level Rise and Planning in Coastal Habitats • Effective Stakeholder Involvement and Public Outreach, including Visualizations, Web-based Tools, and Scenario Building



### *Integrating Ecosystem Needs with Transportation Facility Design*

Climate Change Impacts and Adaptations to Natural and Built Systems • Designing to Address Wildlife Habitat Connectivity and Fragmentation • Protected and Endangered Species • Invasive Species • Vegetation Management • Climate Change Threats to Wetlands, Riparian Areas, and Floodplains • Multi-Modal Facilities including Ports • Context Sensitive Solutions • Designing Sustainable Transportation Infrastructure, including Life Cycle Considerations, Resiliency to Changing Natural Conditions/Disasters, Addressing and Adapting to Climate Change Impacts including Mitigation Strategies, and Cost-effective Solutions



### *Ecological Considerations for Maintenance and Operations*

Climate Change Effects on Natural and Built Systems • Wildlife Movement Monitoring • Protected and Endangered Species • Invasive and Exotic Species • Vegetation Management • Bridge and Culvert Maintenance • Stormwater Management • Snow and Ice Control • Green Asset Management • Multi-Modal Operations



### *Adapting Relationships for Agencies and Institutions*

Streamlining and Process Improvement Initiatives • Partnerships to Address Climate Change • Partnering for Cost-effective Solutions, including Interagency and Public-Private Partnerships (PPPs) • Effective Wetland and Stream Mitigation Programs • Effective Conservation Banking and Recovery Crediting Programs • Benchmarking and Performance Evaluation Programs • Citizen Involvement in Data Collection and Monitoring • Regulatory Compliance, including Programmatic Approaches; Interagency and Multi-Organization MOUs



### *Innovative Tools and Techniques*

Climate Change Models • Models for Integrating Ecosystem Planning with Other Planning Efforts • Valuing Ecosystem Attributes • Innovations in Modeling Ecosystems and Wildlife Movement • Monitoring and Evaluating Indirect and Cumulative Effects (ICEs) • Improving Data Collection • GIS and Remote Sensing Data



### *New Directions in Ecology and Transportation*

Addressing Climate Change • Emerging Topics and Promising Approaches

For complete conference information, visit [www.icoet.net](http://www.icoet.net).