

Call for Abstracts



The mission of the International Conference on Ecology and Transportation is to identify and share quality research applications and best management practices that address wildlife, habitat, and ecosystem issues related to the delivery of surface transportation systems. ICOET is the primary forum for an international gathering of the foremost experts who showcase effects, issues, and, most importantly, solutions.

For more information, visit www.icoet.net.

ICOET 2009 Conference Theme: *Adapting to Change*

Our transportation systems and ecosystems need to be addressed in the context of global climate change and shifts in transportation funding and priorities. Our natural and built environments are confronting changes that will unfold on multiple scales and impact many inter-related elements. The high degree of interaction between transportation infrastructure and natural systems requires increasingly interdisciplinary, integrated approaches to planning, building, maintaining and monitoring the health of these systems.

In 2009, ICOET 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 Minnesota Department of Transportation will serve as host state and co-sponsor for ICOET 2009.

ICOET Conference Sponsors include:

Federal Highway Administration • USDA Forest Service • EPA Wetlands Division • U.S. Fish and Wildlife Service • Defenders of Wildlife • Humane Society of the United States • Washington State Department of Transportation • New York State Department of Transportation • Florida Department of Transportation • California Department of Transportation • Road Ecology Center (University of California at Davis).

ICOET interacts closely with Infra Eco Network of Europe, Transportation Research Board Task Force on Ecology and Transportation, and Parks Canada Agency.

The [Center for Transportation and the Environment](#) at North Carolina State University is a co-sponsor of ICOET and serves as lead conference organizer.



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:

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, Mitigation Strategies for Climate Change Impacts, 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



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.

For more information, please contact:
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The deadline for submitting abstracts has been extended to **January 31, 2009.**

For complete conference information, visit www.icoet.net.