



# International Conference on Ecology and Transportation

## ICOET 2025 Poster Presentation Locations

- Location #1-24 South Convention Lobby
- Location #25-42 North Convention Lobby lower level
- Location #43-58 North Convention Lobby upper level

Poster Location	Abstract # and Title
1	<b>#270 Innovations In Field Studies for Ecology and Transportation – With Advancing Technology Are We Up to The Challenge?</b> Kimberly Laframboise (HDR Inc.)
2	<b>#220 Lessons learned - NCDOT's Use of Innovative Technologies Through Conservation Measures</b> Cheryl Knepp (North Carolina Department of Transportation)
3	<b>#181 Six Years of Collaborative Monitoring on a South Texas Roadway: What Have We Learned?</b> Richard J. Kline (University of Texas Rio Grande Valley)
4	<b>#100 ICOET 2001 to ICOET 2025: Perspectives from Over Three Decades Working in Transportation and Ecology</b> Ed Frantz (T.Y. Lin International)
5	<b>#125 Road to P.E.L. and Beyond: Getting Transportation Infrastructure Right</b> Kovid Saxena (T.Y. Lin International)
6	<b>#86 Taking Advantage of Federal Discretionary Grants to Fund Wildlife Projects</b> Sarah Rigard (HDR)
7	<b>#259 Turtles in Trouble: Recent Lessons Learned in Minnesota</b> Christopher E. Smith (Minnesota Department of Transportation)
8	<b>#139 Collaborative Strategies for Integrating Ecology into Transportation Projects: Insights from the Duckabush Estuary Restoration</b> Grace Amundsen Barnkow (WSDOT)
9	<b>#31 Recent Wildlife Overpass Innovations</b> Stuart Murphy (Atlantic Industries Limited)

10	<b>#203 Rare Species Monitoring &amp; a Changing Future for ROW Vegetation Management</b> Sujai Veeramachaneni (Georgia Department of Transportation)
11	<b>#6 Methodology for Evaluating Mitigation Methods to Improve the Resilience of Road Cut Slopes</b> Eduardo Arancibia-Ruiz (Pontificia Universidad Católica de Chile)
12	<b>#224 Integrating Spatial Ecological Network Theory Into Wildlife Crossing Design</b> Clara Woodie (Dudek)
13	<b>#186 Leveraging Digitalization to Build Sustainable Bridges</b> Venkatachalam Karthik (Jacobs)
14	<b>#57 Sustainable Bridges</b> Venkatachalam Karthik (Jacobs)
15	<b>#88 Automated Workflow and Dashboard Solutions for Managing Consultant Document Reviews for Georgia Department of Transportation</b> Christina Schmidt (AtkinsRéalis)
25	<b>#286 Analysis of Wildlife-Vehicle Collision Patterns, Roadkill Distribution, and Raven Scavenging Behavior in the Upper Gunnison Basin</b> Clayton BonDurant (Colorado Parks and Wildlife)
26	<b>#263 Wild Animal Mitigation Along US 160 in Southwest Colorado</b> Kenneth Ryan (Muller Engineering)
27	<b>#27 Project Deer: A Low-Cost, Onboard Audiovisual Animal Detection and Driver Alert System to Mitigate WVCs</b> Siddhi Singh (STEM School Highlands Ranch)
28	<b>#28 Evaluating Wildlife Responses to Highway Infrastructure: A Framework for Reducing Wildlife-Vehicle Collisions</b> Mahesh Sharma (Colorado State University)
29	<b>#131 Using Existing Infrastructure to Improve Wildlife Connectivity</b> Steve Bega (Animex International)
30	<b>#147 Grey 2 Green: Opening a “Habitat Highway” by Transforming Existing Bridges to Improve Wildlife Connectivity</b> Steve Bega (Animex International)
31	<b>#138 Review of Scientific Field Studies using HALT Technology to Monitoring Small Fauna at the Interface of Transportation Infrastructure and Ecosystems: Advancing Techniques in Transportation Ecology</b> Michael Hobbs (Hobbs Ecology)
32	<b>#9 Herpetofauna as a Model for Studying the Underestimation of Mortality in Small Vertebrates</b>

	Tatiane de Mello do Carmo (State University of Rio de Janeiro)
33	<b>#171 Wildlife Movement, Crossing Point Use, and Mortality Along a Critical Stretch of the 118 Freeway Near Los Angeles</b> Celina Oliveri (Caltrans)
34	<b>#76 Updated Wildlife Connectivity Efforts in Caltrans District 7 (Los Angeles and Ventura Counties)</b> Francis Appiah (Caltrans)
35	<b>#192 Transforming Challenges Into Solutions: Innovative Mitigation Strategies in the Caltrans Saratoga Creek Bridge Replacement Project</b> Samuel Aguilar (California Department of Transportation)
36	<b>#218 North Carolina's Next Chapter in Wildlife Passage Partnership</b> Marissa Rodman Cox (NCDOT)
37	<b>#266 Wildlife Usage of Various Sized Underpass Structures in Eastern North Carolina</b> Travis Wilson (North Carolina Wildlife Resources Commission)
38	<b>#256 Wildlife Use of Purposefully Modified Median Barriers on I-49 in Southwestern Missouri</b> Brock Ortega (Dudek)
39	<b>#14 Reevaluating the Efficacy of Mitigation Structures on a South Texas Highway Using Individual Bobcat Interaction Data</b> Jolie Gonzalez (University of Texas Rio Grande Valley)
40	<b>#51 Patterns of Domestic Animal-Vehicle Collisions on Tribal Lands in Montana</b> Matthew Bell (Western Transportation Institute)
41	<b>#135 Frogger in the Wild: Real-Life Oregon Undercrossing Attempts a High Score</b> Rachel Wheat (Oregon Department of Fish and Wildlife)
42	<b>#15 Western Toads Use Undercrossing Structures on Interstate 90's Snoqualmie Pass, Washington State, USA</b> Marianne Hall (Central Washington University)
43	<b>#32 Barbed Wire: An Invisible Barrier to Wildlife Movement</b> Christie Greene (Wild Aware)
44	<b>#36 Designing and Implementing an Alternative Approach to Researching Wildlife Crossings and Highway Wildlife-Vehicle Collisions Through a Community-Based Lens</b> Christie Greene (Wild Aware)
45	<b>#280 Bridging the Gap: Community Strategies to Address Wildlife-Vehicle Collisions and Road Safety</b>

	Christie Greene (Wild Aware)
46	<b>#285 Conserving Pollinators and Identifying Roadside Management Strategies</b> Cathy Ford (Idaho Transportation Dept.)
47	<b>#137 Evaluating Reduction in Monarch Butterfly Roadkill using TxDOT Monarch Flight Diverters (MFDs)</b> Robert N Coulson (Texas A&M University)
48	<b>#94 Total Ocelot Inventory and Genetic Monitoring to Inform Ocelot-Transportation Ecology and Conservation Decision-making</b> Emma Brookover (Texas A&M University)
49	<b>#141 Partnering to Enhance Wildlife Movements Across Northern Arizona</b> Jeffrey W Gagnon (Arizona Game and Fish Department)
50	<b>#148 Grizzly Bear Road Crossings Along US Highway 93, Flathead Indian Reservation, Montana, USA</b> Payton Adams (Confederated Salish and Kootenai Tribes)
51	<b>#150 Control Measures for Non-Exhaust Particulate Matter (PM) Emissions</b> Dragomir Bogdanic (California Department of Transportation)
52	<b>#189 Colombia's Greening Road Infrastructure Guidelines: A comprehensive example for the world</b> Tremaine Gregory (World Wildlife Fund, US)
53	<b>#93 Implementation of Road Access for a Traditional Community within the Atlantic Rainforest in a State Park in São Paulo, Brazil</b> Rita Monteiro Falcao (Companhia Ambiental do Estado de Sao Paulo)
54	<b>#127 Navigating Coastal Challenges: Using the Federal 12-Component Planning Process to Improve Coastal Resiliency and Create Seagrass Mitigation Near Tampa Bay, FL.</b> Ben Shepherd (AtkinsRealis)
55	<b>#149 Utilization of a Noise Attenuation Calibration Model for Concrete Pile Driving in Florida</b> Raphael Crowley (University of North Florida)
56	<b>#236 The U.S. Geological Survey and Federal Highway Administration Collaborate to Provide Water-Quality Tools that Transportation Agencies Use to Help Inform Stormwater Management Decisions</b> Alana B. Spaetzel (U.S. Geological Survey)
57	<b>#267 6PPD-q Triggers New Focus on Stormwater and Creates New Challenges for ESA Consultations</b> Jeff Dreier (Washington State Department of Transportation)
58	<b>#44 Ecosystem Impacts of Water Management Infrastructure: Challenges</b>

	<b>and Future Directions</b> Dr. Sofia Prado-Irwin (Center for Biological Diversity)
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