

ICOET 2021 VIRTUAL CONFERENCE – SCHEDULE

2 pm GMT = 7 AM Pacific, 10 AM East Coast, 4 PM South Africa, 7:30 PM in India, and 12 AM in Sydney

WEDNESDAY September 22		
Times GMT	Session Type	
2:00 PM	Day 1 Welcome Plenary Session Remarks from Conference Chair, Steering Committee, Organizer International Welcomes	
3:00 PM	Plenary Keynote #1 Catrin Einhorn (New York Times)	
3:40 PM	Break (10 minutes)	
3:50 PM	Technical Session 1 "Climate & Aquatic Infrastructure: Going with the Flow"	K Andrews, UGA "Measuring Rapid Shoreline Change Threatening Infrastructure" M Ruth, Federal Highway Administration "Tidal Restrictions: Tools, Resources, Policies and Practices for Avoidance and Removal" S Jackson, U Mass "Assessing the Passability of Road-Stream Crossings for Terrestrial Wildlife in the Northeastern United States" M Gonzalez, WWF Colombia "Piloting the National Green Road Infrastructure Guidelines in Colombian Amazon: An Approach to Climate and Vulnerability Analysis"
	Technical Session 2 "Dispatches from the Global Village I"	V Serment, Dirección General de Servicios Técnicos. Secretaría de Comunicaciones y Transportes. "Mexico's New Handbook For Planning, Design And Construction Of Wildlife Passages In Transport Infrastructures" E Arévalo-Huezo, U Latina de Costa Rica "Strategic Alliances with the Public and Private Sector for the Conservation of Wildlife on Roads, two case studies in Costa Rica" D Araya-Gamboa TWG-LAC, Panthera and Wildlife Friendly Roads Group "Panthera and Wildlife Friendly Roads" L Georgiadis, Infrastructure and Ecology Network Europe (IENE), Greece "A Global Strategy for Ecologically Sustainable Transport and other Linear Infrastructure"

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	<p>Technical Session 3 “Decision Support Systems for WVC Reduction”</p>	<p>B Donaldson, Virginia Transportation Research Council “Linking Research and Decision-Making: How Research is Influencing Wildlife Crash Reduction and Wildlife Corridor Initiatives in Virginia” G Porter, Road Ecology Center, UC Davis “The “Wildlife Crossing Calculator” -- Economic Analysis Decision-Support for Wildlife-Vehicle Collision Reduction” DJ Smith, Department of Biology, University of Central Florida “Coordinated Efforts in Florida to Create Decision-making Tools to Identify and Prioritize Wildlife-Vehicle Conflict Locations and Guidelines for Mitigation Measures” T Cady, CO Department of Transportation “A Regional, Interagency Approach to Prioritizing and Implementing Wildlife Mitigation: Colorado’s Western Slope Wildlife Prioritization Study” J Randall Wyoming Game and Fish Department “Wyoming’s Wildlife Crossing Prioritization Process”</p>
	<p>Panel 1 “It takes a Village: Bringing Industries Together Around Monarch Conservation”</p>	<p>I Caldwell, University of Illinois Chicago K Gade AZ Department of Transportation E Johnson, Evergy M Odens, Kandiyohi County S Glinsky, TX Department of Transportation J Bakowski, Vermont Electric Company</p>
<p>5:20 PM</p>	<p style="text-align: center;">Sponsor Meet-up (50 minutes)</p>	
<p>6:10 PM</p>	<p>Technical Session 4 “Steering Stormwater Towards Excellence”</p>	<p>P Leete, MN Department of Natural Resources “Nationwide Peer Exchange on Reducing Plastic in Erosion Control” C Goodson, GA Department of Transportation “Aquatic Conservation through Streamlined Construction” L Clevenot, Panthéon Sorbonne University “Highway Stormwater Ponds : Sites to be Taken into Account in the Ecological Networks of Amphibians” S Reynolds-Davis, Cornell University “Roadside Ditches as a Key Tool to Manage for Stormwater and Pollution: A Case Study of Highway Governance Challenges Within the Chesapeake Bay Watershed”</p>
	<p>Technical Session 5 “Aiding Panther Recovery through Transportation and Conservation Planning”</p>	<p>N Cribbs; Faller, Davis & Associates, Inc. “Hot Spots Mapping: Creating a Resource for Transportation Planners to Identify Significant Panther-Vehicle Collision Areas in South Florida” N Monies, FL Department of Transportation “Wildlife Crossing Location Decision Making along the Interstate 4 Corridor” DJ Smith, U of Central Florida “Using Least Cost Path Modeling to Identify Potential Road Conflict Locations for the Florida Panther in Central Florida” B Setchell, FL Department of Transportation “Retrofitting Existing Bridge Crossings to Promote Wildlife Connectivity and Prevent Wildlife-Vehicle Collisions” E Fleming, Defenders of Wildlife “The Role of Transportation Planning and Mitigation in Florida Panther Recovery”</p>

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	<p>Technical Session 6 “Oncilla and Ocelots and Tapirs....Oh My!”</p>	<p>AM Blackburn, Caltrans “Cats, Cars, and Crossings: The Consequences of Road Networks for the Conservation of an Endangered Felid” JV Lombardi, Texas A&M University “Road Crossing Patterns of Ocelots (Leopardus pardalis) Along A Urban-Wildland Gradient” A Veals, Texas A&M University “Circuit Theory to Estimate Road Crossings for the Endangered Ocelot” D Araya-Gamboa, Panthera “Finding Evidence of a 70 Years Old Road Effect on the Wildlife of a Complex of Protected Areas”</p>
	<p>Technical Session 7 “On the Wing with Bats and Birds”</p>	<p>R Green. Richard Green Ecology Ltd “Lesser Horseshoe Bat Mitigation on a Major Road Scheme in South Wales” JM Carpenter, LSA Associates “Thinking Outside the Box (Culvert): Bat Roosts in Culvert Structures and Strategies for Mitigation” D Hewavithana, University of Miami “Linear Infrastructures Affect Bird Communities in a Dry-Mixed Evergreen Forest” V Gorecki, Queensland University of Technology “Roost Selection, Roost Availability and Gene Flow Among Culvert Roosts of a Trawling Bat, the Large-Footed Myotis (Myotis macropus)”</p>
7:40 PM	Break (10 minutes)	
7:50 PM	Workshop 1 “Creating a Playbook for Adapting Drainage Structures into Cost-Effective Wildlife Passages”	
9:20 PM	END OF SESSIONS DAY 1	
9:30 PM	California Department of Fish and Wildlife Training	
THURSDAY September 23		
Times GMT	Session Type	
2:00 PM	Day 2 Welcome and Orientation	
2:10 PM	Plenary Keynote #2 Nandini Velho (Srishti Manipal Institute of Art, Design and Technology, Bengaluru, India)	
2:50 PM	Break (10 minutes)	
3:00 PM	Multi-Media Session 1 (90 minutes) See Details Below	
4:30 PM	Break (10 minutes)	

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4:40 PM	Technical Session 8 “Measuring Movement for Mitigation”	<p>G Ritchotte, Herrera Inc. “A Watershed Approach to Large-Scale Highway Project Mitigation: the SR 167 Completion Project and the Hylebos Riparian Restoration Program”</p> <p>H Held, GA Department of Transportation “Solar-Powered Science – Innovative Technology Leading to Multi-agency Benefits from a Newfound Understanding of the Natural History of Eastern Indigo Snakes”</p> <p>K Harman, Ohio University “Improving Amphibian Roadway Mitigation Structures to Decrease Mortality and Increase Connectivity: A Comparison of Two Amphibian Barrier-Ecopassage Structures”</p> <p>C Brehme, US Geological Survey “Effectiveness of Turnarounds in Changing the Trajectory of Reptiles, Amphibians, and Small Mammals”</p>
	Technical Session 9 “Dispatches from the Global Village II”	<p>JO Helldin, SLU Swedish Biodiversity Centre “Cumulative Impacts of Roads, Railways and Other Human Development on Semi-Domestic Reindeer and Indigenous Transhuman Systems”</p> <p>R van der Ree, WSP Australia Pty Ltd “A Comprehensive ESIA and Fauna Connectivity Investigation for the Nairobi to Mau Summit Highway Project in Kenya”</p> <p>B Siswa Sulistyawan & WWF Indonesia “Defining a Critical Linkage Area for Connecting the Fragmented Orangutan Habitats by Linear Infrastructure”</p> <p>G Connette - Smithsonian Institution “Timely Geospatial Assessments to Inform Environmentally Sensitive Road Infrastructure Planning”</p>
	Technical Session 10 “Engineering Ecological Connectivity Through Design and Evaluation of Wildlife Crossings”	<p>B Ortega, Dudek “Decision-Support for Evaluating and Improving Wildlife Crossing of Transportation Corridors”</p> <p>S McDowell, Road Ecology Center, UC Davis “Wildlife-Responsive Crossing Design”</p> <p>A Runk - Contech Engineered Solutions “Cost Effective Long-term Wildlife Infrastructure”</p> <p>NL Dodd, AZTEC Engineering “Effectiveness of Wildlife Crossing Structures in the West – Measuring Success Beyond the Animals”</p> <p>K Ernest, Central Washington University “Ecological Connectivity and Multi-Taxa Wildlife Movement Across I-90”</p>
	Technical Session 11 “On the Verge of Better Roadside Management”	<p>T Lennartsson, Swedish University of Agricultural Science “How Can Road Verges Contribute to Biodiversity Conservation?”</p> <p>JP Whitney, U C Davis “An Analysis of Priority Vegetation Treatment Areas to Reduce Wildfire Risk in California’s State Highway System”</p> <p>K Ewing, AR Department of Transportation “Arkansas Department of Transportation - Voluntary Prelisting Species Conservation Program”</p> <p>K Gade - AZ Department of Transportation “Planning for Monarch Butterfly Conservation on Roadsides: Development of a Statewide Milkweed Species Distribution Model for Arizona”</p>
6:10 PM	Sponsor Meet-Up (50 minutes)	

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7:00 PM	Technical Session 12 “Keeping Aquatics Connected”	<p>S Jackson, UMass Amherst “Assessing Barrier Effects of Road-Stream Crossings on Fish and other Aquatic Organisms in the Northeastern United States”</p> <p>A Kaufman, Emory University “Emory - GDOT Bottomless Culvert Viability Study”</p> <p>PJ Wagner, WA Department of Transportation “Twenty five Years Correcting Fish Barriers- Progress and Lessons learned”</p> <p>D Buford, Federal Highway Administration “Review of ICOET Proceedings (2009-2019) for Aquatic Organism Passage and Wildlife Connectivity Presentations to Support FHWA Gap Analysis”</p>
	Technical Session 13 “All About Herpetofauna”	<p>M Vonshak “15K Dead Newts Later: What Have we Learned from Four Years of Monitoring Pacific Newts Migration in the Santa Cruz Mountains, California”</p> <p>FM Deffner, U.S. Fish and Wildlife Service “Desert Tortoise Transportation Ecology Workshop”</p> <p>KE Gunson, Eco-Kare International “Monitoring Techniques, Key Finding, and Lessons Learned from Monitoring Road Mitigation for Rare Turtles and Large Animals in Ontario, Canada”</p> <p>S Bega, Animex International “Improving Wildlife Fencing for Herpetofauna and Small Mammals to Ensure Effective Implementation: An Analysis of Global Mitigation Case Studies”</p>
	Technical Session 14 “Spatially Speaking: Modeling Wildlife Movement”	<p>CE Drasher, University of Vermont “How Valuable is a Transportation Structure for Wildlife Connectivity? Using a New Circuit Theory Approach to Model Wildlife Movement and Inform Transportation Management in Vermont, USA”</p> <p>L Olson, Mule Deer Foundation and Arizona Game and Fish Department “Ungulate Migration Mapping Focuses Conservation Planning”</p> <p>C Harris - Pennsylvania State University “Exploratory Spatial Analysis for Safe Wildlife Passage in Southwestern Montana”</p> <p>A Iverson, Road Ecology Center, UC Davis “Habitat Linkages do not Predict Occurrence for Common California Wildlife Species”</p>
	Panel 2 “Transportation Project Programmatic Mitigation Planning (Orange County, CA)”	<p>David Williams, Federal Highway Administration</p> <p>Lesley Hill, Orange County Transportation Authority</p> <p>Dan Phu, Orange County Transportation Authority</p> <p>Mike Ruth, FHWA Resource Center</p> <p>Angela Berthaume, USDOT Volpe Center</p> <p>Alex Wilkerson, USDOT Volpe Center</p>
8:30 PM	END OF DAY 2	
MONDAY September 27		
Times GMT	Session Type	
2:00 PM	Day 3 Welcome and Field Trip Orientation	

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2:30 PM	Field Trip 1 “Friendly Roads with Wildlife: Case of Routes 140, San Carlos and 708, Sarchi; Costa Rica”	Field Trip 2 “Virtual Field Trip: Oak Island Tide Gate: Revere, MA”
4:00 PM	Break (10 minutes)	
4:10 PM	Field Trip 3 “Documentary Field Trip; The Road to Recovery”	Field Trip 4 “From Herps to Herds: How North America's Practitioners are Advancing the State of the Art for Wildlife Crossing Structures”
5:40 PM	Break (10 minutes)	
5:50 PM	Field Trip 5 “Virtual Trip to the Southern California Wildlife Connectivity Study Areas”	Field Trip 6 “I-90 Snoqualmie Pass East, Critter Crossings in the Cascades”
7:20 PM	END OF DAY 3	
TUESDAY September 28		
Times GMT	Session Type	
2:00 PM	Day 4 Welcome and Orientation	
2:10 PM	Plenary Keynote #3 Harvey Locke (IUCN World Commission on Protected Areas, Beyond the Aichi Targets Task Force)	
2:50 PM	Break (10 minutes)	
3:00 PM	Technical Session 15 “Good Fences Make Good Crossings”	S Croston, WA Department of Transportation “Janis Bridge, A Case Study in Animal Crossing Success” Z Sheikh, University of Texas Rio Grande Valley “Estimating the Percentage of Wildlife that Escape the Roadway Using Wildlife Exits Along State Highway 100 in South Texas” MP Huijser, WTI, Montana State University “The Effectiveness of Electrified Barriers for Black Bears at Low Traffic Volume and Low Traffic Speed Access Points “ JAG Jaeger, Concordia University “Wildlife Fencing, the FLOMS Trade-off, and the Fence-end Effect: How Long is Long Enough?”
	Technical Session 16 “Conserving Habitat Connectivity within an Urban Context”	A Chin, University of Toronto “Urban Landscapes, Biodiversity, and Habitat Connectivity” L Cartwright, Toronto and Region Conservation Authority “Wildlife-Vehicle Collisions on Major Roads in Peel and York Region: Hot Spots and Seasonal Movements” D Lawrie, Toronto and Region Conservation Authority “Making the Connection: The Role of Technology and Habitat Use in Making Good Wildlife Connectivity Decisions” G Sullivan, York Region “York Region’s Road Map to Planning for Successful Road Ecology Projects T Theijsmeijer, Royal Botanical Gardens “Rare Turtle Recovery and Wildlife Corridor Issues at Cootes Paradise Marsh

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	<p>Technical Session 17 “Two Mountains and a Desert”</p>	<p>D Hughson, National Park Service “Can a High-Speed Passenger Train Reconnect Wildlife Habitat in the Mojave Desert?”</p> <p>M Galloway, Wildlands Network “Road Ecology in North-Eastern Sierras: Research and Collaboration to Enhance Restoration of Wildlife Connectivity and Public Safety on Hwy 395”</p> <p>L Hillard, Wildlands Network “Road Ecology in Southern Appalachia: Research to Guide restoration of wildlife Connectivity Across I-40 near Great Smoky Mountains National Park”</p> <p>B Ortega, Dudek “State Route 62/Morong Pass Wildlife Connectivity and Recommendations”</p>
	<p>Panel 3 “In the Lions' Den: Advancing Ideas for Ecologically Sustainable Linear Infrastructure in Africa</p>	<p>S Chiles, Ewaso Lions, Grevy's Zebra Trust</p> <p>W Collinson-Jonker, Endangered Wildlife Trust</p> <p>[Other participants from African Conference for Linear Infrastructure and Ecology, TBD]</p>
4:30 PM	Break (10 minutes)	
4:40 PM	Multi-Media Session 2 (90 minutes) See Details Below	
6:10 PM	Sponsor Meet-Up (50 minutes)	
7:00 PM	<p>“Technical Session 18 “Promoting Passage for Wildlife”</p>	<p>TJ Yamashita, Texas A&M University “Quantifying the Vegetation Structure around Wildlife Crossing Structures in Cameron County, Texas”</p> <p>TM Hopkins, University of Texas Rio Grande Valley “Estimating the Performance And Permeability Of Wildlife Crossing Structures on a South Texas Highway”</p> <p>C Oliveri, Caltrans “Wildlife Passage Modifications on State Route 118 in Las Posas Valley (Ventura County)”</p> <p>M Hanson, Utah Division of Wildlife Resources “My Way or the Highway: Elk Use of a Box Culvert in Southeast Utah Documented Through Camera Traps and GPS Collars”</p>
	<p>Technical Session 19 “Roadkill Data Collection 1, 2, 3!”</p>	<p>G Kalisz - Washington State Department of Transportation “Wildlife Carcass Removal Reporting Protocol in Washington State”</p> <p>M Schneider - Co-Founder of RoadkillApp “Advancing Roadkill Data Science”</p> <p>E Fairbank - Center for Large Landscape Conservation “ROaDS: Standardizing Road Mortality Data Collection Across Jurisdictions”</p> <p>S Sprague, AZ Game and Fish Department “Carcass Reporting - Arizona Streets & Highways (CRASH): A Digital Toolsuite for Capturing Wildlife Carcass Data”</p>

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	<p>Technical Session 20 “The Emerging Ecosystem of Animal Detection Systems”</p>	<p>F Shilling, Road Ecology Center, UC Davis “Camera/Video Systems and AI-Supported Animal Classification” A Sirovic, Texas A&M University “Acoustics in Whale Safe: Using Whale Call Detections in a Multi-Faceted Tool to Mitigate Ship Strike Risk” J Gagnon, AZ Game and Fish Dept and T Hazlehurst, CrossTek “Implementation and Accuracy of Thermal and Radar Technology for Animal Detection Systems” A Alden VTTI) “Advanced Vehicle Systems for Animal Detection and Conflict Mitigation” H Xu, University of Nevada Reno “Integrated Vehicle, Pedestrian, and Animal Detection using LiDAR”</p>
	<p>Technical Session 21 “Planning Through Partnerships”</p>	<p>J Hunter, National Parks Conservation Association “A Collaborative Effort to Restore Connectivity and Protect Human Safety Along I-40 Near Great Smoky Mountain National Park” L O'Donoghue, The Nature Conservancy “Nature as a Planning Foundation? How Natural and Working Lands Conservation Can Contribute to Climate, Transportation, Housing, Health and Other Societal Goals in Growing Regions.” LE Sielecki, British Columbia Ministry of Transportation and Infrastructure “The Wildlife Program of the British Columbia Ministry of Transportation and Infrastructure” TS Lee, Miistakis Institute, Mount Royal University “Developing a Correction Factor to Apply to Animal–Vehicle Collision Data for Improved Road Mitigation Measures”</p>
8:30 PM	END OF DAY 4	
<h3 style="margin: 0;">WEDNESDAY September 29</h3>		
Times GMT	Session Type	
2:00 PM	Day 5 Welcome and Orientation	
2:10 PM	<p>Technical Session 22 “Connecting Communities for Connectivity”</p>	<p>J Dowling, Adventure Scientists “Where People and Wildlife Collide: Leveraging Road Cyclists to Collect High-Quality Data to Identify Wildlife Corridors and Inform Transportation Planning” S Bega - Animex International “Re-Developing a Roadkill Reporting App to Improve User Experience and Quality of Data Collected in the United Kingdom” JA Moreno, Coalition for Sonoran Desert Protection “Crossing Through Your Neighborhood: The Benefits of Using Community Science to Monitor Wildlife Movement Pre-and Post-Construction of Wildlife Crossings Structures in an Urban Interface” T Smith, The Nature Conservancy “Engaging Connectivity Partnerships During A Global Pandemic: Greater I-10 Linkage Implementation Virtual Workshop”</p>

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	<p>Technical Session 23 “Good Things Come in Small Mammal Packages”</p>	<p>M Callahan, President Beaver Institute, Inc. “Protecting Roads from Beavers” A Sanjar - University of Texas Rio Grande Valley “Road Mortality Mitigation Structure Impacts on Rodent Community Composition and Activity in South Texas” D Moffat, Animex International “Improving Habitat Connectivity: Developing Best Practice Guidance and Structural Re-Design of the Animex Wildlife Bridge for Dormice in the UK” A Galantinho, University of Évora “Road Verges are Valuable Corridors for Small Mammals Even in Well-Preserved Habitats”</p>
	<p>Technical Session 24 “Getting Easier to be Green: Addressing Climate Change and Connectivity”</p>	<p>M Manteca - Wildlands Network “Mexico Federal Highway 2: Changing State Legislation Through Science” N-M Lister, Ryerson University “Animal Road Crossings: A Green Infrastructure Toolkit” C Plutzer - Environment Agency Austria “Combining Structural and Functional Connectivity in the Danube Basin: the Methodology of the SaveGREEN Project” R Callahan, ARC Solutions “Wildlife Crossing Opportunities in the Federal Transportation Act”</p>
	<p>Technical Session 25 “Bring on the World – Large-scale Landscape Planning”</p>	<p>M Lafrenz, Portland State University “Connectivity for Wildlife in a World without Roads” JA Merkle, University of Wyoming “Connecting the Dots: Compiling a Global Atlas of Ungulate Migrations” T Williams, Michael Baker International “Arizona's Statewide Assessment and Planning Study to Identify High Priority Wildlife-Vehicle Conflict Hotspots and Ecological Concerns” M Haverland, NM Department of Transportation “New Mexico’s Applied Wildlife Passage Research and Update on Wildlife Corridors Action Plan”</p>
3:40 PM	Sponsor Meet-Up (50 minutes)	
4:30 PM	<p>Technical Session 26 “Advances in Road Ecology - Emerging Technology”</p>	<p>A McKee - US Geologic Survey “Exploring eDNA Efficacy for Mollusk Sampling” M Brocki, ARC Solutions “Opportunities to Integrate Fiber Reinforced Polymers into the Design of Wildlife Crossing Structures” TM Hopkins, University of Texas Rio Grande Valley, Brownsville, Texas, United States “Potential Use of Active Infrared External Tripwires (AIR) for Monitoring Wildlife Crossing Structures and Comparison to Internal Passive Infrared (PIR) Trigger Systems” J Morrell, Arcadis U.S., Inc. “Computer Vision Model for Wildlife Image Recognition”</p>

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	<p>Technical Session 27 “Advances in Road Ecology - Planning for Success”</p>	<p>L O'Donoghue, The Nature Conservancy “Mitigation Wizard – An Innovative New Tool for a Coordinated Approach to Infrastructure Development and Natural Resource Conservation” S Connolly, SC Department of Transportation “South Carolina In-Lieu Fee Program for Culvert Replacement and Improvements to Aquatic Resources” M Minzner, OKI Regional Council of Governments “The OKI Region Environmental Mitigation Model” C Goodson, GA Department of Transportation “Efficiencies in Agency Consultation for Enhanced Environmental and Construction Outcomes”</p>
	<p>Technical Session 28 “It BeHOOVES Me! – To Talk About Ungulates”</p>	<p>B Hollowell “Identifying Factors Contributing to Spatial Patterns of Mule Deer-Vehicle Collisions in Southwest Utah” M-P Poulin, University of Wyoming “A Mechanistic Understanding of How Elk Balance Risks and Rewards When Crossing Highways” H Specht, University of Montana “Collision Reduction and Migratory Ungulate Use of Newly Installed Underpasses in a Wildlife Migration Corridor near Jackson, Wyoming” WANU Nimanthi Abeyrathna, Clarkson University “Effect of Daylight Saving Time Clock Shifts on White-tailed Deer-Vehicle Collision Rates”</p>
	<p>Technical Session 29 “Catalyst for Collaborative Mitigation in Colorado: State Highway 9 Research, Findings and Partnerships”</p>	<p>T Cady, CO Department of Transportation “The Colorado Wildlife and Transportation Alliance” J Kintsch, ECO-resolutions “State Highway 9 Wildlife Crossings and Wildlife-Vehicle Collision Reductions: Project Partnership and Five-Year Research Findings” P Cramer “Strong Scientific Study Design Creates Solid Results: Colorado’s SH 9 Research Delivered” M Cowardin, Colorado Parks and Wildlife “Wildlife Crossing Mitigation Systems: Practical Applications of Lessons Learned in Colorado”</p>
<p>6:00 PM</p>	<p style="text-align: center;">Break (10 minutes)</p>	
<p>6:10 PM</p>	<p style="text-align: center;">Plenary Wrap-Up and Introduction to ICOET 2023</p>	
<p>7:00 PM</p>	<p style="text-align: center;">END OF CONFERENCE</p>	

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Multi-Media Session 1		
Abstract	Lead Author	Title
Climate change: adaptation, mitigation, resilience		
47	Fraser Shilling, Road Ecology Center, UC	Climate and Fiscal Impacts from Reduced Fuel Use during COVID-19 Mitigation
109	Anne Burroughs	Can resilience planning to be used to improve habitat connectivity on the landscape scale?
72	Adewole Adesiyun (Fehrl), Yannick Autret	Biodiversity and Infrastructure Synergies and Opportunities for European Transport Networks
83	Francis Appiah, California Department of Transportation	Wildlife Connectivity, Movement, and Migration Around 101 Freeway (US-101) at Liberty Canyon Road
98	Patricia Cramer, Wildlife Connectivity Institute	Climate Change, Transportation, and You 2021
Aquatic species/ecosystem and wetland interactions		
146	Ostap Reshetylo, Ivan Franko National University	Herpetofauna roadkills in Transcarpathia (Ukraine): scale, consequences and protection
Global village: technology, policy, economics, and people		
24	Arnaud Léonard Jean Desbiez - Institute of Technology	Anteaters & Highways II: Human, Political, and Institutional dimensions to reduce wildlife vehicle collisions
21	Kate Newman - Vice President, Sustainable Infrastructure	Building a Multisectoral Coalition for "Infrastructure and Nature"
Advancing innovative technologies		
8	Annette Krop-Benesch	Saving the night: How to reduce light emissions from streetlights
81	Dannique Aalbu, Caltrans District 9 Biologist	Experimental Crossing Structures to benefit the Yosemite Toad – A Case Study on California State Route 108
84	Michael R. Wright	Innovative Infrastructure Technologies for Electric Vehicles
15	Victor J. Colino-Rabanal, Department of Agriculture	Bringing science and technology together: Real-time road signs based on temporal AVC models
7	David Waejten, Road Ecology Center, UC	Smart and automated web-services to analyze wildlife image data
Lessons from policy applications		
161	Melissa Rotenberg (Arcadis)	Streamlining Programmatic Consultation with Technology
Mainstreaming ecology in transportation planning and program delivery		
167	Christopher Pincetich (Caltrans)	Caltrans Wildlife Connectivity Assessment Tool - WildCAT - to Support Planners and Biologists in Identifying Potential
163	Daniela Araya-Gamboa	Finding the way: Costa Rican Road Ecology 10 years time line
166	Jayden Engert, Centre for Tropical Environment	Re-routing a major Indonesian mining road to spare nature and reduce development costs: an application of s
16	Newton Wong Associate Biologist, Caltrans	Fire and Storm damages to roadways, best practices for emergency projects while protecting ecological resou
43	Robert Stanley - California Department of Fish and Wildlife	Light Source Output Analysis Methods
52	Yun Wang, China Academy of Transportation Science	Research Progress of Standards for Wildlife Crossing Structures in China's Linear Transportation Infrastructure
55	Rodney van der Ree, WSP Australia Pty Ltd	Introducing 'www.TransportEcology.info': An online, open access resource to globally share information, know
76	Marcus Elfström, EnviroPlanning AB	Same but different: contradictory use by different deer species at faunapassages at grade
Mitigation / restoration		
71	Bibiana Terra Dasoler 1 - Graduate Program	WILDCROSSDATA: a dataset on the use of crossing structures in Latin America
32	Glen Kalisz - Washington State Department of Ecology	The Evidenced-based Case for Restricting Human Use of Wildlife Crossing Structures
45	Marta Brocki, ARC Solutions	The Wonderful World of Wildlife Crossings
42	Michal Bil & CDV - Transport Research Centre	Are olfactory repellents reasonable alternatives to fencing along secondary roads in prevention of ungulate-ve
11	Margaret Minzner, OKI Regional Council of Governments	The OKI Region Environmental Mitigation Model
53	Victoria Hanley- University of Texas Rio Grande	COMPARISON OF METHODS FOR IDENTIFYING BOBCATS TO INDIVIDUAL AT ROAD MITIGATION STRUCTURES
183	Zachary M. Wardle, Caesar Kleberg Wildlife Research Institute	Monitoring Wildlife Road Mortalities during Construction of Wildlife Crossings Structures in Cameron County,
140	Tom Langen, Clarkson University	Emerging Best Practices to reduce road mortality and increase habitat connectivity for turtles in the northeast
Terrestrial wildlife (vertebrate and/or invertebrate) and ecosystem interactions		
178	Thomas J Yamashita, School of Earth and Environmental Science	Temporal Partitioning as a Means for Wildlife to Persist Around a Road in South Texas

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Multi-Media Session 2		
Abstract	Lead Author	Title
Linear transportation beyond roadways (railroads, pipelines, transmission lines, etc.)		
64	Michael R. Wright	Monorail in an Era of COVID and Climate Change
Vegetation management within transportation corridors (e.g., for pollinators)		
134	Allyson Salisbury, The Morton Arboretum	Factors influencing tree survival in a highway setting
123	Ellen Oettinger White, Rutgers University	Quantifying highway agency roadside tree removal using high-resolution satellite data
125	Dr. Kaitlin Stack Whitney, Rochester Institute of Technology	Life on the edge: insect conservation in highway roadside rights of way
Global pandemics / COVID-19 / zoonotic disease		
73	Victor Colino Rabanal, Department of Animal Science, University of Zaragoza	Differences in the response of ACV with wildlife and livestock species during the COVID-19 lockdown in Spain.
36	David Waejen, Road Ecology Center, UC Davis	Impact of COVID-19 on Traffic, Crashes, and Wildlife-Vehicle Collisions
Mitigation / restoration		
150	Daniel G. Scognamiglio, Caesar Kleberg Wildlife Research Institute	Preliminary Results from Monitoring of a New Wildlife Crossing in Willacy County, Texas
157	Francis Appiah, California Department of Transportation	Mountain Yellow-Legged Frog Critical Habitat Mitigation and Restoration on State Route 2
Stormwater and water quality management		
49	Christina Kranz, North Carolina State University	Compost Incorporation on Roadsides for Soil Improvement and as a Stormwater Control Measure
115	Sara Reynolds-Davis, Cornell University	Roadside ditches as a key tool to manage for stormwater and pollution: A case study of highway governance
Terrestrial wildlife (vertebrate and/or invertebrate) and ecosystem interactions		
104	Adam Sanjar - School of Earth, Environmental & Atmospheric Sciences, Georgia Institute of Technology	Road mortality mitigation structure impacts on rodent community composition and activity in south Texas
90	Bethany K. Kunz, U.S. Geological Survey, Fort Collins	Response of roadside soil communities to application of unpaved road chemical treatments
181	Brian Blais, Southwest Zoologists' League	Rural road usage by herpetofauna of the southern Sonoran Desert ecoregion
186	Jenna Chapman, Central Washington University	Activity patterns of bat species at interstate highway sites with and without wildlife underpasses
33	Vedant Srinivas, Eastlake High School, WA	Ora - A Non-habituating, low cost, audiovisual animal warning system to mitigate roadkill
85	Sarah Croston- Washington Department of Transportation	Roads and Raptors, a Spatial Analysis of Raptor Collisions on The Washington State Highway System
180	Thomas J Yamashita, Caesar Kleberg Wildlife Research Institute	Comparison of Mammal Use of a Highway Before and During Construction of Wildlife Crossing Structures in South Texas
Wildlife movement: connectivity, safety, across eco-tones		
105	Abigail Dziegiel, California State University, Chico	Impacts of highways and fences on tule elk home range and movement
102	Anna Mehner, School of Earth, Environmental & Atmospheric Sciences, Georgia Institute of Technology	Traffic Influences on Wildlife Interactions at Wildlife Crossing Structures along FM106 in Cameron County, Texas
35	Cecilia Aguilar, Wildlands Network	Mitigation from project planning stages: a unique opportunity for connectivity in Northern Mexico
173	Evan Greenspan (California Department of Transportation)	Mapping ungulate migration corridors, stopovers, and winter ranges across California
39	Hildegard Meyer, WWF Central and Eastern Europe	SaveGREEN – Safeguarding the functionality of transnationally important ecological corridors in the Danube basin
172	Jordan Ryckman, Conservation Northwest	Ecological and genetic connectivity of shrews (Sorex spp.) across Interstate-90 in the Washington Cascade Range
2	Kris Gade, Arizona Department of Transportation	Maintaining wildlife connectivity in an urbanized area: the South Mountain Freeway in Phoenix, Arizona
77	Matthew Bell, Western Transportation Institute	Progress to Implement the First Fiber-Reinforced Polymer Wildlife Overpass in North America
169	Megan LaFever, Washington State Department of Ecology	A Year of Wildlife Movement: Monitoring for Preconstruction of Fish Passage Barrier #994233 in Washington
176	Morgan Robertson, California Department of Transportation	Improving Habitat Connectivity for the Endangered Santa Cruz Long-toed Salamander (Ambystoma macrodactylum)
30	Rob Ament - Co-Chair, IUCN WCPA and Species Specialist Group	The Asian Elephant Transport Working Group (AsETWG) Presents: Protecting Asian Elephants from Linear Transportation
174	Tricia Markle, Minnesota Zoo	Mitigating Small Animal Road Mortality
37	Yoichi Sonoda, Animal-pathway & Wildlife Research Institute	Analysis of environmental factors affecting wildlife traffic accidents around Mt. Fuji, Japan
131	CAITLIN K. BRETT, University of Texas Rio Grande Valley	EVALUATING WILDLIFE RESPONSES TO LOCALIZED MITIGATION FENCING STRUCTURES