

# Innovations in Invasive Species Management Conference 2022 Agenda

**December 14th, 2022  
Canal AB in the Delta Atrium**

7:30am – 8:00am	<b>Registration</b>
8:00am – 8:05am	<b>Presenter: Steven Manning</b> <b><i>Welcome</i></b>
8:05am – 9:00 am	<b>KEYNOTE: Dr Tanja Strive</b> Principal Research Scientist CSIRO Health & Biosecurity  <b><i>Biological control of rabbits in Australia – 70 years of landscape-scale management of a vertebrate pest.</i></b>
9:00am – 9:30am	<b>Presenter: Brian F Jorg</b> Manager Native Plant Program Cincinnati Zoo & Botanic Garden  <b><i>Bowyer farm-Restoring a Historic Wetland</i></b>
9:30am – 10:00am	<b>Presenter: Dwayne Estes</b> Co-Founder & Executive Director, Southeastern Grasslands Institute  <b><i>Historical considerations for restoring native grasslands of the Mid-South</i></b>
10:00am – 10:15am	<b>BREAK</b>
10:15am - 10:40am	<b>Presenter: Nick Rice</b> Environmental Biologist II Southern Nevada Water Authority  <b><i>Las Vegas goes “all in” on tamarisk removal</i></b>

10:40am – 11:05am	<p><b>Presenter: Casey Williams</b> Aquatic Plant Ecologist, BIO-WEST Inc. Round Rock, Texas</p> <p><b><i>Utilizing biological monitoring to guide implementation of an aquatic plant restoration project for the Fountain darter (<i>Etheostoma fonticola</i>)</i></b></p>
11:05am – 11:30am	<p><b>Presenter: Adam Berland, PhD</b> Associate Professor of Geography Ball State University</p> <p><b><i>Invasion Superhighways: How Lake tourism paves the way for the spread of exotic species</i></b></p>
11:30am – 12:15pm	<p><b>KEYNOTE: Prof. Iain Paterson</b> Centre for Biological Control, Rhodes University, Makhanda, South Africa</p> <p><b><i>Biological control of weeds: opportunities to control invasive alien plants through North American-African collaborations</i></b></p>
12:15pm – 12:45pm	<b>LUNCH in Canal CD</b>
12:45pm – 1:30pm	<p><b>KEYNOTE: Dan Tompkins</b> Science Director: Predator Free 2050</p> <p><b><i>The research and tool development driving New Zealand's Predator Free 2050 mission</i></b></p>
1:30pm – 1:50pm	<p><b>Presenter: Robyn Carlton &amp; Umar Muhammad (Intern)</b> CEO Lookout Mountain Conservancy</p> <p><b><i>Land and Life Lessons for Inner City Youth</i></b></p>
1:50pm – 2:15pm	<p><b>Presenter: Cayce McAlister</b> Garden Club of America</p> <p><b>Presenter: Terri Hogan</b> Invasive Plant Program Manager, The National Park Service</p> <p><b><i>Creating a Collaborative Culture of Stewardship</i></b></p>
2:15pm – 3:00pm	<p><b>Session Leader: Dawn Slack</b> <b><i>Indiana's CISMAs Tackle Invasive Species On Over 30,000 Acres Head On and Statewide Through Collaboration and Partnerships</i></b></p> <ul style="list-style-type: none"> <li>• Heather Shireman, Bartholomew County SWCD District Manager and</li> </ul>

	<p>Blazing Stars CISMA Member</p> <ul style="list-style-type: none"> <li>• Jennifer Whiteside, Bartholomew County, NRCS and Blazing Star CISMA Member</li> <li>• Terri Sanders, Harrison County Native Habitat Alliance CISMA Member</li> <li>• Ryan Goetz, Harrison County Native Habitat Alliance CISMA Member and Land Manager for TNC</li> <li>• Blair Beavers, Johnson County Native Plant Partnership CISMA Member and Johnson County SWCD District Manager</li> <li>• Karen Wade, Johnson County Native Plant Partnership CISMA Member</li> <li>• Dugan Jullian, Kosciusko Water and Woodlands Invasive Partnership CISMA Member and Regional Specialist for SICIM</li> <li>• Mandi Glanz, Representing the Northwest Indiana CiSMAs, Regional Specialist for SICIM.</li> </ul>
3:00 pm to 3:10pm	<b>BREAK</b>
3:10pm-3:20pm	<p><b>Presenter: Sheila Kennedy</b>  Owner/Operator  S-K Environmental  Portable Invasive Species Rinse off and Reclaim System</p> <p><i>Eliminating Invasive Species with Innovative Charged Technologies</i></p>
3:20pm – 3:45pm	<p><b>Presenter: Douglas A. Burkett, PhD,</b>  Environmental Biologist  Operations Division, Armed Forces Pest Management Board</p> <p><i>Operational invasive species projects and priorities in the Department of Defense</i></p>
3:45pm – 4:10pm	<p><b>Presenter : Julie Carpentier</b>  National Advisor for Aquatic Invasive Species  Biodiversity Management Directorate  Aquatic Ecosystems Sector  Fisheries and Oceans Canada</p> <p><i>DFO's Moss Ball Emergency Response: Operation Mussel Clean</i></p>
4:10pm – 4:35pm	<p><b>Presenters: Dr. Timothy J. Gaudin &amp; Carissa Turner</b></p> <p><b>Dr. Timothy J. Gaudin</b>  UC Foundation Professor  Department of Biology, Geology &amp; Environmental Science  University of Tennessee at Chattanooga</p> <p><b>Carissa Turner</b></p>

	<p>Masters Student University of Tennessee at Chattanooga</p> <p><i>“The spread of nine-banded armadillos (Dasypus novemcinctus) in Tennessee: Determining habitat preferences of and assessing prevalence of Hansen’s disease in Tennessee with assistance from community science data.”</i></p>
4:35pm – 5:00pm	<p><b>Presenter: Cassie Cichorz</b> Outreach and Education Specialist for the Pest Program at the Washington State Department of Agriculture</p> <p><i>Preventing the spread and establishment of Vespa mandarinia in Washington state</i></p>
5:00pm – 5:25pm	<p><b>Presenter: Jeanine T Neskey</b> Biologist-Extension Specialist National Feral Swine Damage Management Program, USDA Wildlife Services</p> <p><i>Transboundary Collaboration to Squeal on Pigs!</i></p>
5:25pm – 6:00pm	<p><b>Presenter: Giovanni Polverino, PhD</b> Forrest Postdoctoral Research Fellow University of Western Australia</p> <p><i>Fishes and robots: The first bioinspired robot that selectively repels invasive mosquitofish (Gambusia holbrooki) and simultaneously attracts a non-invasive fish species, providing unambiguous evidence that robots can be designed to induce diverse reactions across species.</i></p>

6:00pm-7:00pm	<p><b>Opening night reception</b> <b>Located in the Detla Pavilion</b></p>
	<p><b>Evening Presentation</b></p>
7:00pm – 8:00pm	<p><b>KEYNOTE: Dan Tompkins</b> Science Director: Predator Free 2050</p> <p><i>Predator Free 2050 – New Zealand’s mission to eradicate key threats to biodiversity</i></p>

**December 15th, 2022**

**Indoor Session 8:15-11:30**  
**Outdoor Session at the Warner Parks 11:30-4:30**  
**Meet at Canal AB at 8:00am**

8:15am - 9:00am	<p><b>Keynote Speaker: Dr Tanja Strive</b> Principal Research Scientist CSIRO Health &amp; Biosecurity</p> <p><i>Prospects for genetic biocontrol of vertebrate pests in Australia</i></p>
9:00am-9:30am	<p><b>Keynote Speaker: Stephen Enloe</b> Professor and Extension Specialist UF/IFAS Center for Aquatic and Invasive Plants Department of Agronomy University of Florida</p> <p><i>Innovations in IPT herbicide techniques: challenging old paradigms and forging new paths forward</i></p>
9:30am – 9:50am	<p><b>Presenter: Derek Yorks &amp; Ben Stookey</b> Co-Founders of Wild Vision Systems</p> <p><i>A Smart-trapping System for the Live-Capture and Monitoring of Invasive Reptiles</i></p>
9:50am-10:10am	<p><b>Presenter: Chuck Barger</b> Director and Senior Public Service Associate University of Georgia – Center for Invasive Species and Ecosystem Health</p> <p><i>What's New with Smartphone Cameras and GPS and How it Can Help You</i></p>
10:10am – 10:40am	<p><b>Presenter: Jeremy French</b> Interior Low Plateau Ecoregion Coordinator RCPP Coordinator  Southeastern Grassland Initiative Quail Forever Austin Peay State University</p> <p><i>RCPP Grasslands: Restoring Grasslands on private land in Kentucky and Tennessee</i></p>
10:40am – 11:05am	<p><b>Presenter: Jenny Hannon</b> President Friends of Warner Parks</p>

	<b>Large scale restoration efforts underway at Nashville's 3,200-acre Warner Parks</b>		
11:05am – 11:30am	<b>Presenter: Sam King</b> Stewardship Ecologist Tennessee Department of Environment and Conservation Division of Natural Areas  <i>A Case Study: Removal of Invasive Vegetation in the Presence of Endangered Invertebrates</i>		
11:30am	<b>Depart for Warner Parks</b>		
	<b>Invasive Free at the WP</b> Sheep Grazing, Backpack Applications, Hot Water Treatments, Volunteers		
12:00pm	<b>Catered Lunch at the Warner Parks Nature Center</b>		
1:00pm – 3:00pm	<b>Heatweed Station</b>	<b>Foamstream Station</b>	<b>Flaming Station</b>
	<b>Stump Stopper</b>	<b>Uprooter/Weed Wrench</b>	<b>RTV Sprayers</b>
	<b>Green Climber</b>	<b>Mechanical station</b>	<b>Green Shoots</b>
	<b>ATV Sprayers</b>	<b>Drone Spraying Demo</b>	<b>Mapping with Drones</b>
	<b>Grassland Restoration</b>	<b>Chew Crew</b>	
3:00-4:00	<b>2-mile hike for those interested</b>		
4:00pm – 4:45pm	<b>Return to Opryland Resort Hotel</b>		
5:00 pm to 6:00 pm	<b>Closing reception located at the Delta Pavilion</b>		