



Innovations in Invasive Species Management Conference 2022 Agenda

December 14th, 2022 Canal AB in the Delta Atrium	
7:30am – 8:00am	Registration
8:00am – 8:05am	Presenter: Steven Manning <i>Welcome</i>
8:05am – 9:00 am	KEYNOTE: Dr Tanja Strive Principal Research Scientist CSIRO Health & Biosecurity <i>Biological control of rabbits in Australia – 70 years of landscape-scale management of a vertebrate pest.</i>
9:00am – 9:30am	Presenter: Brian F Jorg Manager Native Plant Program Cincinnati Zoo & Botanic Garden <i>Bowyer farm-Restoring a Historic Wetland</i>
9:30am – 10:00am	Presenter: Dwayne Estes Co-Founder & Executive Director, Southeastern Grasslands Institute <i>Historical considerations for restoring native grasslands of the Mid-South</i>
10:00am – 10:15am	BREAK

10:15am - 10:40am	<p>Presenter: Nick Rice Environmental Biologist II Southern Nevada Water Authority</p> <p><i>Las Vegas goes "all in" on tamarisk removal</i></p>
10:40am – 11:05am	<p>Presenter: Casey Williams Aquatic Plant Ecologist, BIO-WEST Inc. Round Rock, Texas</p> <p><i>Utilizing biological monitoring to guide implementation of an aquatic plant restoration project for the Fountain darter (<i>Etheostoma fonticola</i>)</i></p>
11:05am – 11:30am	<p>Presenter: Adam Berland, PhD Associate Professor of Geography Ball State University</p> <p><i>Big data from a popular app reveals that fishing creates superhighways for aquatic invaders.</i></p>
11:30am – 12:15pm	<p>KEYNOTE: Prof. Iain Paterson Centre for Biological Control, Rhodes University, Makhanda, South Africa</p> <p><i>Biological control of weeds: opportunities to control invasive alien plants through North American-African collaborations</i></p>
12:15pm – 12:45pm	LUNCH in Canal E
12:45pm – 1:30pm	<p>KEYNOTE: Dan Tompkins Science Director: Predator Free 2050</p> <p><i>Predator Free 2050 – New Zealand’s mission to eradicate critical threats to biodiversity</i></p>
1:30pm – 1:50pm	<p>Presenter: Robyn Carlton CEO Lookout Mountain Conservancy</p> <p><i>Land and Life Lessons for Inner City Youth</i></p>
1:50pm – 2:15pm	<p>Presenter: Cayce McAlister Garden Club of America</p> <p>Presenter: Terri Hogan Invasive Plant Program Manager, The National Park Service</p> <p><i>Creating a Collaborative Culture of Stewardship</i></p>

2:15pm – 3:00pm	<p>Session Leader: Dawn Slack <i>Indiana's CISMAs Tackle Invasive Species On Over 80,000 Acres Head On and Statewide Through Collaboration and Partnerships</i></p> <ul style="list-style-type: none"> • Heather Shireman, Bartholomew County SWCD District Manager and Blazing Stars CISMA Member • Jennifer Whiteside, Bartholomew County, NRCS and Blazing Star CISMA Member • Terri Sanders, Harrison County Native Habitat Alliance CISMA Member • Ryan Goetz, Harrison County Native Habitat Alliance CISMA Member and Land Manager for TNC • Blair Beavers, Johnson County Native Plant Partnership CISMA Member and Johnson County SWCD District Manager • Karen Wade, Johnson County Native Plant Partnership CISMA Member • Dugan Jullian, Kosciusko Water and Woodlands Invasive Partnership CISMA Member and Regional Specialist for SICIM • Mandi Glanz, Representing the Northwest Indiana CiSMAs, Regional Specialist for SICIM.
3:00 pm to 3:15pm	<p>BREAK</p>
	<p>Presenter: Sheila Kennedy 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>
3:15pm – 3:40pm	<p>Presenter: Douglas A. Burkett, PhD, 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>
3:40pm – 4:05pm	<p>Presenter : Julie Carpentier 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>
4:05pm – 4:25pm	<p>Presenters: Dr. Timothy J. Gaudin & Carissa Turner</p> <p>Dr. Timothy J. Gaudin UC Foundation Professor Department of Biology, Geology & Environmental Science University of Tennessee at Chattanooga</p>

	<p>Carissa Turner Masters Student University of Tennessee at Chattanooga</p> <p><i>“The spread of nine-banded armadillos (<i>Dasyopus novemcinctus</i>) in Tennessee: Determining habitat preferences of and assessing prevalence of Hansen’s disease in Tennessee with assistance from community science data.”</i></p>
4:25pm – 4:50pm	<p>Presenter: Cassie Cichorz Outreach and Education Specialist for the Pest Program at the Washington State Department of Agriculture</p> <p><i>Preventing the spread and establishment of <i>Vespa mandarinia</i> in Washington state</i></p>
4:50pm – 5:15pm	<p>Presenter: Jeanine T Neskey Biologist-Extension Specialist National Feral Swine Damage Management Program, USDA Wildlife Services</p> <p><i>Transboundary Collaboration to Squeal on Pigs!</i></p>
5:15pm – 6:00pm	<p>Presenter: Giovanni Polverino, PhD Forrest Postdoctoral Research Fellow University of Western Australia</p> <p><i>Fishes and robots: The first bioinspired robot that selectively repels invasive mosquitofish (<i>Gambusia holbrooki</i>) 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>Opening night reception Located in the Crystal Gazebo</p>
	<p>Evening Presentation</p>
7:00pm – 8:00pm	<p>KEYNOTE: Dan Tompkins Science Director: Predator Free 2050</p> <p><i>The research and tool development driving New Zealand’s Predator Free 2050 mission</i></p>

December 15th, 2022

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

8:15am - 9:00am	<p>Keynote Speaker: Dr Tanja Strive Principal Research Scientist CSIRO Health & Biosecurity</p> <p><i>Prospects for genetic biocontrol of vertebrate pests in Australia</i></p>
9:00am-9:30am	<p>Keynote Speaker: Stephen Enloe 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>Presenter: Derek Yorks & Ben Stookey 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>Presenter: Chuck Barger 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>Presenter: Jeremy French 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>Presenter: Jenny Hannon President Friends of Warner Parks</p> <p><i>Large scale restoration efforts underway at Nashville's 3,200-acre Warner Parks</i></p>

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