

20th Annual Emiquon Science Symposium

9:00 am Welcome and Overview

9:05 am – SESSION 1

Randy Smith Illinois River Program Updates: Emiquon and Merwin Preserve at Spunky Bottoms

Toby Holda Status of Fisheries and Aquatic Vegetation Communities at the Emiquon Preserve in 2025

John Marino Distributions of Trematode Parasites in Central Illinois and Implications for Frog Populations

10:05 am Break

10:15 am – SESSION 2

Courtney Schultz Emiquon Visitor Insights and Management Implications
Jason Beverlin
Maria Lemke

Logan Pappenfort Mounds and Meaning: Earthworks, landscape and connection.

Brooke Morgan Envisioning Emiquon as a Traditional Cultural Landscape

11:15 am Break

11:25 am – SESSION 3

Michael Avara Motus: Using Radio Telemetry to Advance Our Knowledge of Animal Movements in the Midwest

Auriel Fournier Co-producing King Rail Science – Working together across geographies and projects.

Tih-Fen Ting Return of the Osprey: Progress from the Illinois Hacking and Recovery Effort

LUNCH AND POSTERS

Therin Bradshaw Using Autonomous Recording Units (ARUs) to Detect Waterfowl Harvest Opportunity

Christa Christensen Therkildsen Field Station's Programs at the Emiquon Preserve

Andrew Gilbert Nesting Ecology of Secretive Marshbirds at Emiquon Preserve
Joshua M. Osborn
Christopher S. Hine
Auriel M.V. Fournier

Krista Kirkham Building better wetlands: Nitrogen reduction and phosphorus sequestration of constructed wetlands receiving tile drained waters from agricultural systems in the Midwestern U.S.
David Kovacic
Michael Wallace
Jacob Berkowitz
Christine Van Zomeren

Jenna Benson Investigating the impacts of land use on aquatic biodiversity within an agricultural watershed using environmental DNA
Gwen Church
Katelin Meek
Kara Andres

Gwendolyn Church Biodiversity Monitoring in Restored Wetlands Using Environmental DNA (eDNA)
Kara Andres

Helen Ratchford Using Call Surveys to Characterize Frog Communities in Banner Marsh
David Estrada
John Marino

Chun (Jessica) Drone-Based Assessment of Muskrat Density and Recolonization Potential at Emiquon
Cheng
Noelle Grabowski
Guillaume Bastille-Rousseau