

2018 Ohio Aquaculture and Fish Management Conference

“Partnering Together to Manage Ohio’s Aquatic Resources Sustainably”

*A Joint Conference of the
Ohio Aquaculture Association
Ohio Chapter of the American Fisheries Society
OSU Aquaculture Boot Camp Program*

Friday, January 26

*8:00 AM Registration Open
Continental Breakfast (Worthington Room)*

*9:00 AM **Plenary Joint Session – Columbus Room**
Aquatic Invasive Species
“Working Together to Prevent Introductions”
Moderators: Bill Lynch and Joseph Conroy*

*9:00 AM **Aquatic Invasive Species of Concern**
Tory Gabriel – Ohio Sea Grant Program*

*9:30 AM **ODNR’s Aquatic Invasive Species Listing Protocol & Impact on Aquaculture
Permitting**
Kevin Kayle – ODNR Division of Wildlife*

*10:00 AM **Break***

*10:20 AM **Role of Aquaculture in Preventing Invasive Introductions**
Chris Weeks – USDA North Central Regional Aquaculture Center*

*10:40 AM **Grass Carp Reproduction in the Lake Erie Watershed**
Patrick Kocovsky – U.S. Geological Survey*

*11:10 AM **Asian Carps in Ohio: Status & Prevention**
John Navarro – ODNR Division of Wildlife*

*11:30 AM **Aquatic Invasive Species Panel Discussion**
All Speakers*

*12:00 PM **Lunch – Columbus Room***

Friday, January 26 Afternoon Sessions

Aquaculture Session 1 – “Ensuring Financial Health” Moderator: **Matt Smith**

Columbus Room

1:00 PM Adapting to Ever Changing Demands from Consumers, Business Climate & External Forces

Jonathan van Senten – Virginia Tech University

1:40 PM Strategic Marketing: Finding Your Key Markets & Choosing Products

Carole Engle – Engle Stone Aquatics\$ LLC

2:20 PM Break

2:40 PM Opportunities to Increase Aquaculture Profitability in Ohio

Matt Smith – OSU Centers at Piketon

3:20 PM Annual Check of Farm Financial Health: Pitfalls and Strategies

Carole Engle – Engle Stone Aquatics\$ LLC

Aquaculture Session 2 – “Culture Potpourri” Moderator: **Dave Smith**

Capital Room

1:00 PM Observations on Buildings Used for Heated Aquaculture Operations

Bob Rode – Purdue University

1:40 PM Alligator Farming and What It Means for Ohio

Mark Flint – OSU College of Veterinary Science

2:20 PM Break

2:40 PM Net Pen Aquaculture Farming in Quarries

Dave Smith – Freshwater Farms of Ohio

3:20 PM Copper Sulfate & Peracetic Acid in Aquaculture

David Straus – USDA Stuttgart National Aquaculture Research Center

Fish Management Session – “Ohio Fishery Management 2018” Moderator: **Eugene Braig**

Polaris Room

1:00 PM Fishes of Ohio: Determining Distributions and Disseminating Results

Dan Rice – ODNR Division of Natural Areas & Preserves (Retired) and Brain Zimmerman – The Ohio State University

1:20 PM Indexing Channel Catfish Density in Ohio Reservoirs with Baited, Tandem Hoop Nets

Stephen Tyszko – ODNR Division of Wildlife

1:40 PM State Fish Hatchery Update

Kevin Kayle – ODNR Division of Wildlife

- 2:20 PM **Break**
- 2:40 PM **Comparing Stocking Success of Fry vs. Fingerlings for Maintaining *Sander* spp. Fisheries in Ohio Reservoirs**
Joseph Conroy – ODNR Division of Wildlife
- 3:00 PM **Ohio Fish Health Review**
Doug Sweet & Kyle Leachman – ODNR Division of Wildlife
- 3:20 PM **Enhancing Saugeye Production Through the Use of Assisted-Reproduction Technologies**
Bryan Blawut – The Ohio State University

Association Annual Meetings

- 4:00 PM *OAA – Columbus Room*
OCAFS – Polaris Room

Conference Social

- 5:00 PM *Worthington Room, Exhibit Area*

Conference Banquet

- 6:00 PM *Columbus Room*

Keynote Speaker

Carole Engle – Engle Stone Aquatics\$ LLC
“Strengthening Associations – Keys to Success

Saturday, January 27

- 8:00 AM *Registration Open*
Continental Breakfast (Worthington Room)

- 9:00 AM ***Joint OAA – OCAFS – OSU ABC2 Session – Columbus Room***
Moderator: Curtis Wagner

- 9:00 AM ***Past, Present, & Future – North Central Aquaculture***
Chris Weeks – USDA North Central Regional Aquaculture Center

9:40 AM **Yellow Perch Population Status & Harvest in Lake Erie**

Travis Hartman – ODNR Division of Wildlife

10:20 AM **Break**

10:40 AM **Understanding Lake Biology to Optimize Aquaculture**

David Culver – The Ohio State University (retired)

11:20 AM **Harmful Algal Blooms – An Ohio Update**

Eugene Braig – The Ohio State University, SENR

11:40 AM **Regulatory Cost Burden on Ohio Aquaculture Farms**

Jonathan van Senten – Virginia Tech University

12:00 PM **Lunch – Columbus Room**

Saturday, January 27 Afternoon Sessions

Aquaculture Session 3 – “Aquaponics – What’s Next” Moderator: *Jeni Blackburn*

Columbus Room

1:00 PM **Plant Therapy in Aquaponics**

Janelle Hager – Kentucky State University

1:40 PM **An Evaluation of Freshwater Prawn to Control Solids in Aquaponic Systems**

Zachary Perry – Kentucky State University

2:20 PM **Break**

2:40 PM **Brackish Water Aquaponics**

Anthony Adams – Kentucky State University

3:20 PM **Fish Health in Aquaponics**

Matt Smith – OSU Centers at Piketon

Aquaculture Session 4 – “Culture Innovations and Strategies” Moderator: *Bill Lynch*

Capital Room

1:00 PM **Indoor Shrimp Production Research & Applications**

Andrew Ray – Kentucky State University

1:40 PM **Strategies to Prevent Off-flavors in Pre-Harvest Fish**

Craig Tucker – USDA National Warmwater Aquaculture Research Center

2:20 PM **Break**

2:40 PM **Intensive Aeration to Enhance Pond Performance**

Les Torrans - USDA National Warmwater Aquaculture Research Center

3:20 PM **Pond Side Tank Culture: A Wave of the Future?**

Bill Lynch – Millcreek Perch Farm