

AFS2023 Grand Rapids Program

(*Times subject to change) AS of August 18, 2023. Please see the Online Program for the most up-to-date information.

Saturday, August 19

7:30 AM - 5:00 PM	Business Meeting	Governing Board Meeting (Invite Only)	Amway Grand - Imperial Ballroom
8:00 AM - 5:00 PM	Continuing Education Courses	Bayesian I: Introductory Bayesian Inference with JAGS for Fish Biologists	DeVos Place - Grand Gallery D
8:00 AM - 5:00 PM	Continuing Education Courses	Introductory GIS for Fisheries Biologists	DeVos Place - Grand Gallery A
5:00 PM - 7:00 PM	Networking Event	Governing Board Reception (Invite Only)	Amway Grand - Gerald R. Ford and Betty Ford Presidential Ballroom

Sunday, August 20

7:30 AM - 12:00 PM	Business Meeting	Governing Board Meeting (Invite Only)	Amway Grand - Imperial Ballroom
8:00 AM - 12:00 PM	Continuing Education Courses	How To Run Citizen Science Projects with Anglers	DeVos Place - Grand Gallery E
8:00 AM - 12:00 PM	Workshop	Student Writing Workshop	DeVos Place - Grand Gallery F
8:00 AM - 5:00 PM	Continuing Education Courses	Advanced GIS for Fisheries Biologists	DeVos Place - Grand Gallery A
8:00 AM - 5:00 PM	Continuing Education Courses	Bayesian II: Intermediate Bayesian Inference with JAGS for Fish Biologists	DeVos Place - Grand Gallery D

8:00 AM - 5:00 PM	Continuing Education Courses	Data Wrangling using the Tidyverse in R (CANCELED)	DeVos Place - Grand Gallery C
8:00 AM - 5:00 PM	Continuing Education Courses	Database Concepts, Design, and Application in Wildlife and Fisheries Science	DeVos Place - Grand Gallery B
8:00 AM - 5:00 PM	Workshop	Fish Printing Workshop	DeVos Place - Grand Gallery Overlook B
9:00 AM - 5:00 PM	Workshop	Scientific Writing in English for non-native Speakers	DeVos Place - Grand Gallery Overlook A
11:00 AM - 7:00 PM	Registration	Registration	DeVos Place - Grand Gallery
12:00 PM - 2:30 PM	Business Meeting	Journal Editors Luncheon (Invite Only)	DeVos Place - Grand Gallery Overlook D
1:00 PM - 3:00 PM	Workshop	Monsters of Environment Justice fund-raising workshop	DeVos Place - Grand Gallery Overlook E
1:00 PM - 5:00 PM	Continuing Education Courses	Aquatic Plant Identification	DeVos Place - Grand Gallery F
1:00 PM - 5:00 PM	Business Meeting	Fisheries Administration Section and Fisheries Management Section Business Meetings	DeVos Place - Grand Gallery Overlook C
1:00 PM - 5:00 PM	Continuing Education Courses	Informing Fisheries Management with Individual-Based Models in R: Design, Implementation, and Analysis	DeVos Place - Grand Gallery E
1:00 PM - 5:00 PM	Speaker Support Services	Speaker Support Services: Check-In & AV Loading	DeVos Place - Chase Boardroom
3:00 PM - 5:00 PM	Business Meeting	Education Section of AFS Annual Business Meeting	DeVos Place - Grand Gallery Overlook G
3:00 PM - 7:00 PM	Exhibit	Exhibit move-in	DeVos Place- Exhibit Hall C

3:30 PM - 5:00 PM	Business Meeting	Fish Culture Section Biannual Business Meeting	DeVos Place - Grand Gallery Overlook E
4:30 PM - 5:30 PM	Networking Event	International Partners Reception (Invite Only)	Amway Grand - Sky Suite 25th floor
4:45 PM - 5:30 PM	Networking Event	First Time Attendee Meet-Up	DeVos Place - Grand Gallery Overlook H
5:30 PM - 8:00 PM	Networking Event	Opening Networking Reception	DeVos Place- Gallery Foyer and Outdoor Patio

Monday, August 21

7:00 AM - 8:00 AM	Business Meeting	Indigenous Outreach Event	DeVos Place - Grand Gallery Overlook E
7:00 AM - 8:00 AM	Networking Event	Student Coffee Hour	DeVos Place - Grand Gallery Overlook AB
7:00 AM - 6:00 PM	Registration	Registration	DeVos Place - Grand Gallery
7:30 AM - 5:00 PM	Speaker Support Services	Speaker Support Services: Check-In & Audio Visual Loading	DeVos Place - Chase Boardroom
8:00 AM - 9:40 AM	Symposium	Becoming Relevant to a Changing User-base: Strategies to Manage Future Fisheries	DeVos Place - River Overlook A
8:00 AM - 9:40 AM	Contributed Oral Presentations	Great Lakes Fisheries and Habitat	DeVos Place - River Overlook F
8:00 AM - 9:40 AM	Contributed Oral Presentations	Riparian and Streams: Conservation and Restoration	DeVos Place - River Overlook E
8:00 AM - 9:40 AM	Contributed Oral Presentations	Rivers: Flow and Hydropower Consideration and Tools	DeVos Place - Grand Gallery A

8:00 AM - 9:40 AM	Contributed Oral Presentations	Water Quality	DeVos Place - Grand Gallery Overlook H
8:00 AM - 11:00 AM	Exhibit	Exhibit move-in	DeVos Place- Exhibit Hall C
8:00 AM - 5:00 PM	Symposium	Adaptive management and reform of hatchery programs for fisheries enhancement and conservation	DeVos Place - Grand Gallery D
8:00 AM - 5:00 PM	Symposium	Biology, ecology, and management of Esox spp. in changing environments	DeVos Place - Grand Gallery E
8:00 AM - 5:00 PM	Symposium	Dr. Kirk Winemiller's contributions and enduring legacy: Perspectives in fisheries science and conservation across tropical and temperate regions	DeVos Place - Grand Gallery F
8:00 AM - 5:00 PM	Symposium	Highlighting the Cutting Edge: Graduate and Early Career Research in Genetics-Genomics	DeVos Place - Grand Gallery C
8:00 AM - 5:00 PM	Symposium	We Are Not Adjacent to Nature We Are Part of It	DeVos Place - River Overlook C
8:00 AM - 5:00 PM	Symposium	"MacGyvering": Innovative Problem Solving in Fisheries Science	DeVos Place - River Overlook D
8:20 AM - 5:00 PM	Symposium	Introduced and Invasive Species: Monitoring, Management, and Ecology Day 1	DeVos Place - Grand Gallery B
9:40 AM - 10:00 AM	Breaks	Morning Refreshment Break	DeVos Place- Exhibit Hall C
10:00 AM - 11:00 AM	Plenary Session	Plenary Session 1	DeVos Place - Steelcase Ballroom AB
11:00 AM - 5:30 PM	Exhibit	Exhibits open	DeVos Place- Exhibit Hall C
11:40 AM - 1:20 PM	Business Meeting	Education Section Best Student Presentation Judges Luncheon	DeVos Place - Grand Gallery Overlook D

11:40 AM - 1:20 PM	Business Meeting	Innovasea Fish Tracking Lunch & Learn	DeVos Place - Grand Gallery Overlook C
11:40 AM - 1:20 PM	Breaks	Lunch Break (on your own)	On your own
12:00 PM - 1:00 PM	Business Meeting	Genetics Section Business Meeting	DeVos Place - Grand Gallery Overlook G
12:30 PM - 2:30 PM	Business Meeting	Plenary Speakers & Awards Luncheon (Invite Only)	DeVos Place - Grand Gallery Overlook F
1:00 PM - 4:00 PM	Business Meeting	Building Bridges - Connecting international freshwater scientists in an era of change and adaptation.	DeVos Place - Grand Gallery Overlook AB
1:20 PM - 3:00 PM	Contributed Oral Presentations	Fisheries and Habitat	DeVos Place - River Overlook F
1:20 PM - 3:00 PM	Contributed Oral Presentations	Human Dimensions and Publications	DeVos Place - Grand Gallery Overlook H
1:20 PM - 5:00 PM	Symposium	Challenges and Solutions for Using Citizen Science Data in Fisheries Management	DeVos Place - River Overlook A
1:20 PM - 5:00 PM	Symposium	Integrating Monitoring and Decision Tools for Data-limited Endangered and Invasive Species Day 1	DeVos Place - River Overlook B
1:20 PM - 5:00 PM	Symposium	Should they stay or should they go? Managing dams as agencies	DeVos Place - Grand Gallery A
1:20 PM - 5:00 PM	Symposium	Spatiotemporal Variability in Aquatic Food Webs	DeVos Place - River Overlook E
3:00 PM - 3:20 PM	Breaks	Afternoon Refreshment Break	DeVos Place- Exhibit Hall C
3:00 PM - 3:20 PM	Tech Talk	TECH TALK Innovasea: Meet NexTrak, the Future of Acoustic Telemetry	DeVos Place- Exhibit Hall C (back)

3:20 PM - 5:00 PM	Contributed Oral Presentations	Fish Migration and Movement	DeVos Place - River Overlook F
3:20 PM - 5:00 PM	Contributed Oral Presentations	Non-game and Rare/Threatened Species	DeVos Place - Grand Gallery Overlook H
3:30 PM - 3:50 PM	Tech Talk	TECH TALK Bluefin Data	DeVos Place- Exhibit Hall C (back)
3:30 PM - 5:00 PM	Business Meeting	Journal Editorial Board Meeting (Invite Only)	DeVos Place - Grand Gallery Overlook D
4:00 PM - 5:30 PM	Business Meeting	AFS Fisheries Habitat Section Business Meeting	DeVos Place - Grand Gallery Overlook G
5:00 PM - 6:00 PM	Networking Event	Journals Reviewer Reception (Invite Only)	DeVos Place - Grand Gallery Overlook D
5:00 PM - 6:00 PM	Business Meeting	Invasive and Introduced Species Business Meeting	DeVos Place - Grand Gallery Overlook C
5:30 PM - 7:30 PM	Poster	Center for Technology and Collaboration- Poster and Tradeshow Event	DeVos Place- Exhibit Hall C
5:30 PM - 7:30 PM	Networking Event	Michigan State University Alumni & Friends Social	DeVos Place - Grand Gallery Overlook AB
7:00 PM - 9:00 PM	Networking Event	Alphabet Social	DeVos Place - Steelcase Ballroom CD
7:30 PM - 9:00 PM	Networking Event	Unit Leaders Reception	Amway Grand - Presidential Suite 26th floor

Tuesday, August 22

7:00 AM - 8:00 AM	Spawning Run	Spawning Run and Carcass Crawl	Offsite
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7:00 AM - 5:00 PM	Registration	Registration	DeVos Place - Grand Gallery
7:30 AM - 5:00 PM	Speaker Support Services	Speaker Support Services: Check-In & Audio Visual Loading	DeVos Place - Chase Boardroom
8:00 AM - 9:40 AM	Innovative	A Chat about ChatGPT: An AFS Roundtable	DeVos Place - Grand Gallery Overlook D
8:00 AM - 9:40 AM	Contributed Oral Presentations	Fisheries Management: Catch and Release	DeVos Place - Grand Gallery Overlook H
8:00 AM - 4:40 PM	Symposium	Great Lakes Connecting Waters: Research, Monitoring, and Progress	DeVos Place - River Overlook D
8:00 AM - 5:00 PM	Symposium	Adapting to Change in Fisheries Stock Assessment Science Day 1	DeVos Place - Grand Gallery F
8:00 AM - 5:00 PM	Symposium	Coast to Coast: Strategies, Tools, and Approaches for Applied Management of Salmonids Day 1	DeVos Place - Grand Gallery E
8:00 AM - 5:00 PM	Innovative	Coolwater Aquaculture Workshop - Challenges, Updates, and Continued Collaboration	DeVos Place - Grand Gallery D
8:00 AM - 5:00 PM	Symposium	Exploration of the science and innovation supporting selective connectivity at barriers	DeVos Place - River Overlook C
8:00 AM - 5:00 PM	Symposium	Growing Fisheries Reserach and Management throughg Angler Engagement	DeVos Place - River Overlook A
8:00 AM - 5:00 PM	Symposium	Introduced and Invasive Species: Monitoring, Management, and Ecology Day 2	DeVos Place - Grand Gallery B
8:00 AM - 5:00 PM	Symposium	Mississippi River Basin Habitat Management for Interjurisdictional Fishes	DeVos Place - Grand Gallery C
8:00 AM - 5:00 PM	Symposium	NONGAME: Underappreciated Fishes and their Management in the United States Day 1	DeVos Place - Grand Gallery Overlook F

8:00 AM - 5:00 PM	Symposium	North American Sturgeon and Paddlefish: Challenges to Adaptive Management During Ecosystem Change Day 1	DeVos Place - Grand Gallery A
8:00 AM - 5:00 PM	Symposium	Soft Skills for Enhancing the Success of Early Career Professionals	DeVos Place - River Overlook E
8:20 AM - 5:00 PM	Symposium	Integrating Monitoring and Decision Tools for Data-limited Endangered and Invasive Species Day 2	DeVos Place - River Overlook B
9:00 AM - 5:00 PM	Exhibit	Exhibits open	DeVos Place- Exhibit Hall C
9:40 AM - 10:00 AM	Breaks	Morning Refreshment Break	DeVos Place- Exhibit Hall C
9:40 AM - 10:00 AM	Tech Talk	TECH TALK Smithroot: Smith-Root eDNA Autosampler: The sampling robot designed for simplicity and scalability	DeVos Place- Exhibit Hall C (back)
10:00 AM - 11:40 AM	Plenary Session	Plenary Session 2	DeVos Place - Steelcase Ballroom AB
11:40 AM - 12:00 PM	Tech Talk	TECH TALK Fish Guidance Systems Ltd: An Introduction to Behavioural Barriers and their use in Fisheries Management	DeVos Place- Exhibit Hall C (back)
11:40 AM - 1:20 PM	Breaks	Lunch Break (on your own)	On your own
12:00 PM - 2:30 PM	Business Meeting	World Council of Fisheries Luncheon: Business Meeting (Invite Only)	DeVos Place - Grand Gallery Overlook C
1:00 PM - 3:00 PM	Workshop	Unit Leaders Workshop	DeVos Place - Grand Gallery Overlook AB
1:20 PM - 3:00 PM	Contributed Oral Presentations	Fisheries Management: Inland	DeVos Place - Grand Gallery Overlook H

1:20 PM - 4:00 PM	Symposium	Implementing the Cooperative Research Model Through the NOAA Living Marine Resources CSC	DeVos Place - River Overlook F
2:00 PM - 3:00 PM	Business Meeting	Angler Survey Committee Business Meeting	DeVos Place - Grand Gallery Overlook D
2:10 PM - 2:30 PM	Tech Talk	TECH TALK Innovasea: How Fathom Software Simplifies Data Management	DeVos Place- Exhibit Hall C (back)
2:30 PM - 4:30 PM	Business Meeting	International Fisheries Section Business Meeting	DeVos Place - Grand Gallery Overlook E
2:40 PM - 3:00 PM	Tech Talk	TECH TALK Voda IQ: Advancements in PIT Tag Technology	DeVos Place- Exhibit Hall C (back)
3:00 PM - 3:20 PM	Breaks	Afternoon Refreshment Break	DeVos Place- Exhibit Hall C
3:00 PM - 4:00 PM	Business Meeting	SECP Business Meeting 2023: Navigating the Stream	DeVos Place - Grand Gallery Overlook G
3:10 PM - 3:30 PM	Tech Talk	TECH TALK NASA Headquarters: NASA's Airborne and Spaceborne Technology to Support Fisheries Science and Management	DeVos Place- Exhibit Hall C (back)
3:20 PM - 5:00 PM	Symposium	Downtown with Fish and Friends: Aquatic Ecology in Urban Settings Day 1	DeVos Place - Steelcase Ballroom D
3:20 PM - 5:00 PM	Contributed Oral Presentations	Fish Behavior and Early-Life History	DeVos Place - Grand Gallery Overlook H
3:20 PM - 5:00 PM	Symposium	Invasive Carp Research: Sharing Across Watersheds to Improve Control Efforts - Day 1	DeVos Place - Steelcase Ballroom C
3:40 PM - 4:00 PM	Tech Talk	TECH TALK Oregon RFID: The advantages of Half Duplex PIT Technology	DeVos Place- Exhibit Hall C (back)
4:30 PM - 5:30 PM	Business Meeting	Water Quality Section Meeting	DeVos Place - Grand Gallery Overlook C

5:00 PM - 6:30 PM	Business Meeting	Bioengineering Section Business Meeting	DeVos Place - Grand Gallery Overlook G
5:00 PM - 6:30 PM	Business Meeting	Fisheries Information and Technology Section Meeting	DeVos Place - Grand Gallery Overlook E
5:30 PM - 7:30 PM	Networking Event	Innovasea Fish Tracking Social Event	DeVos Place - Grand Gallery Overlook D
5:30 PM - 8:00 PM	Networking Event	Student-Professional Mixer (pre-registration required)	Amway Grand Hotel-Ambassador Ballroom
6:00 PM - 9:00 PM	Business Meeting	North American Sturgeon and Paddlefish Society Social & Business Meeting	DeVos Place - Grand Gallery Overlook AB
7:15 PM - 9:00 PM	Business Meeting	1870 Society/ SPP (Invite Only)	Amway Grand - Presidential Suite 26th floor

Wednesday, August 23

7:30 AM - 5:00 PM	Speaker Support Services	Speaker Support Services: Check-In & Audio Visual Loading	DeVos Place - Chase Boardroom
8:00 AM - 9:40 AM	Contributed Oral Presentations	Fisheries Management: Marine and Great Lakes	DeVos Place - River Overlook E
8:00 AM - 9:40 AM	Contributed Oral Presentations	Human Dimensions: Sport Angling	DeVos Place - River Overlook D
8:00 AM - 9:40 AM	Symposium	NONGAME: Underappreciated Fishes and their Management in the United States Day 2	DeVos Place - Grand Gallery Overlook F
8:00 AM - 9:40 AM	Symposium	Ready, Set, Hire: Building A Sustainable and Diverse Workforce Through Training and Pathways Programs To Increase Fish Careers.	DeVos Place - River Overlook C

8:00 AM - 3:00 PM	Registration	Registration	DeVos Place - Grand Gallery
8:00 AM - 4:40 PM	Symposium	Adapting to Change in Fisheries Stock Assessment Science Day 2	DeVos Place - Grand Gallery F
8:00 AM - 5:00 PM	Symposium	Coast to Coast: Strategies, Tools, and Approaches for Applied Management of Salmonids Day 2	DeVos Place - Grand Gallery E
8:00 AM - 5:00 PM	Symposium	Downtown with Fish and Friends: Aquatic Ecology in Urban Settings Day 2	DeVos Place - River Overlook F
8:00 AM - 5:00 PM	Symposium	Introduced and Invasive Species: Monitoring, Management, and Ecology Day 3	DeVos Place - Grand Gallery B
8:00 AM - 5:00 PM	Symposium	Invasive Carp Research: Sharing Across Watersheds to Improve Control Efforts - Day 2	DeVos Place - Grand Gallery Overlook D
8:00 AM - 5:00 PM	Symposium	North American Sturgeon and Paddlefish: Challenges to Adaptive Management During Ecosystem Change Day 2	DeVos Place - Grand Gallery A
8:20 AM - 9:40 AM	Contributed Oral Presentations	Fisheries and Climate Change 1	DeVos Place - River Overlook B
8:40 AM - 9:40 AM	Symposium	Advancements in Arctic Grayling Fish Culture	DeVos Place - Grand Gallery D
8:40 AM - 9:40 AM	Symposium	Engaging Youth in Fisheries Science and Stewardship through Place-Based Education Practices	DeVos Place - River Overlook A
9:00 AM - 12:00 PM	Workshop	Student Opportunities in Sea Grant: From Application to Graduation	DeVos Place - Grand Gallery Overlook H
9:00 AM - 1:00 PM	Exhibit	Exhibits open	DeVos Place- Exhibit Hall C
9:40 AM - 10:00 AM	Breaks	Morning Refreshment Break	DeVos Place- Exhibit Hall C

9:40 AM - 10:10 AM	Tech Talk	TECH TALK Lotek: Advancements in Acoustic Telemetry	DeVos Place- Exhibit Hall C (back)
10:00 AM - 11:40 AM	Business Meeting	AFS Business Meeting	DeVos Place - Steelcase Ballroom D
11:40 AM - 1:20 PM	Breaks	Lunch Break (on your own)	On your own
12:00 PM - 2:00 PM	Business Meeting	Past-Presidents' Luncheon (Invite Only)	Amway Grand - Senator Vandenberg Room B
1:00 PM - 4:00 PM	Exhibit	Exhibit dismantle	DeVos Place- Exhibit Hall C
1:20 PM - 3:00 PM	Innovative	Fish farming in the Great Lakes region: hatcheries, private farms, and partnerships	DeVos Place - Grand Gallery D
1:20 PM - 3:00 PM	Contributed Oral Presentations	Inland Lakes and Reservoirs: Fisheries and Habitat	DeVos Place - River Overlook E
1:20 PM - 3:00 PM	Symposium	What does ecosystem management mean to Inland Fisheries Biologists and Managers?	DeVos Place - River Overlook D
1:20 PM - 5:00 PM	Symposium	Adapting Telemetry Tools, Techniques, and Analyses for Enhanced Understanding and Management of Fishes Day 1	DeVos Place - Grand Gallery Overlook H
1:20 PM - 5:00 PM	Symposium	Beaver and Trout Management in the Upper Midwest	DeVos Place - River Overlook A
1:20 PM - 5:00 PM	Symposium	Communicating climate change impacts on fisheries: Avoiding controversy and enhancing buy-in	DeVos Place - Grand Gallery Overlook F
3:00 PM - 3:20 PM	Breaks	Afternoon Refreshment Break	DeVos Place- Exhibit Hall C
3:20 PM - 4:40 PM	Contributed Oral Presentations	Morphometry and Fish Marking	DeVos Place - River Overlook C

3:20 PM - 5:00 PM	Contributed Oral Presentations	Fish Health: Pathogens, Toxicity, Microplastics	DeVos Place - River Overlook D
3:20 PM - 5:00 PM	Symposium	Habitat heterogeneity in Lake Michigan: Implications for Food Webs, Fish, and Fisheries - Day 1	DeVos Place - Grand Gallery C
3:20 PM - 5:00 PM	Contributed Oral Presentations	Inland Lakes and Reservoirs: Fisheries and Habitat 2	DeVos Place - River Overlook E
3:20 PM - 5:20 PM	Contributed Oral Presentations	Aquaculture and Hatchery Practices	DeVos Place - Grand Gallery D
5:30 PM - 8:30 PM	Networking Event	Grand Networking Event	Gillett Bridge

Thursday, August 24

6:45 AM - 8:30 AM	Business Meeting	Incoming Governing Board Breakfast (Invite Only)	DeVos Place - Grand Gallery Overlook B
7:30 AM - 12:00 PM	Speaker Support Services	Speaker Support Services: Check-In & Audio Visual Loading	DeVos Place - Chase Boardroom
8:00 AM - 8:40 AM	Contributed Oral Presentations	Physiology and Bioenergetics	DeVos Place - Grand Gallery Overlook C
8:00 AM - 9:40 AM	Symposium	Introduced and Invasive Species: Monitoring, Management, and Ecology Day 4	DeVos Place - Grand Gallery B
8:00 AM - 9:40 AM	Contributed Oral Presentations	Marine/Estuarine: Fisheries and Habitat	DeVos Place - River Overlook F
8:00 AM - 9:40 AM	Contributed Oral Presentations	Multi-method surveys, modeling and eDNA	DeVos Place - River Overlook A
8:00 AM - 9:40 AM	Symposium	North American Sturgeon and Paddlefish: Challenges to Adaptive	DeVos Place - Grand Gallery A

Management During Ecosystem Change Day 3			
8:00 AM - 9:40 AM	Contributed Oral Presentations	Rivers: Population Demographics and Distribution	DeVos Place - River Overlook D
8:00 AM - 11:00 AM	Symposium	Getting it Right: Conservation Aquaculture for Recovery, Restoration and Supplementation	DeVos Place - River Overlook B
8:00 AM - 11:40 AM	Symposium	Incorporating DEIJA Activities: Where to Begin?	DeVos Place - River Overlook C
8:00 AM - 3:00 PM	Symposium	Adapting Telemetry Tools, Techniques, and Analyses for Enhanced Understanding and Management of Fishes Day 2	DeVos Place - Grand Gallery Overlook H
8:00 AM - 3:00 PM	Symposium	Habitat heterogeneity in Lake Michigan: Implications for Food Webs, Fish, and Fisheries - Day 2	DeVos Place - Grand Gallery C
8:00 AM - 3:00 PM	Symposium	Offshore Wind, Fish, and Fisheries – Emerging Knowledge and Applications	DeVos Place - Grand Gallery F
8:00 AM - 5:00 PM	Symposium	A Fisheries Biologist's Guide to Using Human Dimensions Data	DeVos Place - Grand Gallery D
8:00 AM - 5:00 PM	Symposium	Biology and Management of Lampreys in a Rapidly Changing Landscape	DeVos Place - River Overlook E
8:00 AM - 5:00 PM	Symposium	Invasive Carp Research: Sharing Across Watersheds to Improve Control Efforts - Day 3	DeVos Place - Grand Gallery Overlook D
8:20 AM - 9:40 AM	Symposium	Coast to Coast: Strategies, Tools, and Approaches for Applied Management of Salmonids Day 3	DeVos Place - Grand Gallery E
9:00 AM - 10:00 AM	Registration	Registration	DeVos Place - Grand Gallery
9:00 AM - 12:00 PM	Business Meeting	Futurecasting - An Adaptive Framework to Position the AFS for a Successful Future	DeVos Place - Grand Gallery Overlook E

9:40 AM - 10:00 AM	Breaks	Morning Refreshment Break	DeVos Place- Exhibit Hall C
10:00 AM - 11:20 AM	Contributed Oral Presentations	Population Genetics and eDNA	DeVos Place - River Overlook A
10:00 AM - 11:40 AM	Contributed Oral Presentations	Marine Fisheries: Population Dynamics	DeVos Place - River Overlook F
10:00 AM - 11:40 AM	Contributed Oral Presentations	Multi-species Interactions: Diets, Habitat, Predation	DeVos Place - Grand Gallery Overlook C
10:00 AM - 11:40 AM	Contributed Oral Presentations	Rivers: Watersheds and Land Use	DeVos Place - River Overlook D
10:00 AM - 4:00 PM	Symposium	Research to inform walleye management: Native, introduced, and invasive aspects	DeVos Place - Grand Gallery A
11:40 AM - 1:20 PM	Breaks	Lunch Break (on your own)	On your own
12:30 PM - 2:00 PM	Business Meeting	Hand-Off Meeting (Invite Only)	Amway Grand - The Kitchen by Wolfgang Puck
1:20 PM - 2:40 PM	Contributed Oral Presentations	Survey Methods: New Technologies and Software	DeVos Place - River Overlook D
1:20 PM - 3:00 PM	Contributed Oral Presentations	Fisheries and Climate Change:2	DeVos Place - River Overlook C
1:20 PM - 3:00 PM	Contributed Oral Presentations	Genetics: Species Specific	DeVos Place - River Overlook A
1:20 PM - 3:00 PM	Contributed Oral Presentations	Population Dynamics	DeVos Place - River Overlook F

1:20 PM - 5:00 PM	Symposium	Failing Successfully: How unexpected results improve fisheries science	DeVos Place - River Overlook B
3:00 PM - 3:20 PM	Breaks	Afternoon Refreshment Break	DeVos Place- Exhibit Hall C
3:20 PM - 4:40 PM	Contributed Oral Presentations	Survey Methods and Assessments	DeVos Place - River Overlook D
3:20 PM - 5:00 PM	Symposium	Innovative Advances in the Application of BRUV's for Surveying Fisheries Resources	DeVos Place - Grand Gallery F