



Meeting Agenda

Joint Annual Meeting of the
**American Eel Interest Group and the
Sturgeon Interest Group**

December 8 - 9, 2021

Online

AGENDA 2021 Annual Meeting

DAY 1, WEDNESDAY, DECEMBER 8, 2021

TIME	TOPIC	PRESENTER
09:00 a.m.	Welcome – attendants entering the meeting	-
09:20 a.m.	Meeting Overview and Participant Introductions	<i>Paul Jacobson – Electric Power Research Institute (USA)</i>
09:40 a.m.	Magnetic orientation of eels	<i>Caroline Durif – Institute of Marine Research (Norway)</i>
10:05 a.m.	Marginal gains concept and selective fish passage: implications for eel	<i>Paul Kemp – University of Southampton (United Kingdom)</i>
10:30 a.m.	Short Break	
10:45 a.m.	Light array guidance of outmigrating eels on the St. Lawrence River: R&D status and plans for 2022	<i>Paul Jacobson – EPRI (USA)</i>
11:10 a.m.	European efforts to restore Sturgeon populations	<i>Thomas Friedrich – IHG and Jörg Gessner – IGB (Germany)</i>
11:35 a.m.	DOE’s Water Power Technologies Office environmental R&D overview	<i>Dana McCoskey – U.S. Dept. of Energy (USA)</i>
12:00 p.m.	Virtual Lunch	
13:30 p.m.	Key considerations for developing best-practice solutions for safeguarding downstream fish migration at hydropower facilities	<i>Maarten Bruijs – Pecten Aquatic (Netherlands)</i>
13:25 p.m.	A Brief History of Lake Sturgeon Reintroduction in Tennessee	<i>Dennis Baxter – Tennessee Valley Authority (USA)</i>
13:50 p.m.	OPG’s Adam Creek Fisheries Act Authorization Project Overview	<i>Dan Gibson – Ontario Power Generation (Canada)</i>
14:15 p.m.	Summary & Discussion – Research Needs	
14:30 p.m.	Closure of day-1	<i>Plenary</i>

DAY 2, THURSDAY, DECEMBER 9, 2021

TIME	TOPIC	PRESENTER
09:00 a.m.	Welcome – attendants entering the meeting	-
09:15 a.m.	Fishheart – a hydraulic fishway for all fish	<i>Mika Sohlberg – Fishheart Ltd. (Finland)</i>

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09:40 a.m.	Telemetry study on the migration of silver eel (<i>Anguilla anguilla</i>) in the River Rhine	<i>Tim Vriese & Max van de Ven – ATKB (Netherlands)</i>
10:05 a.m.	Responses of European eel (<i>Anguilla anguilla</i>) to electric fields	<i>Mhairi Miller – University of Southampton (United Kingdom)</i>
10:30 a.m.	Short Break	
10:45 a.m.	Improvement of silver eel migration in large European rivers densely fragmented by navigation dams and HPP facilities	<i>Damien Sonny – Profish Technology (Belgium)</i>
11:10 a.m.	Case study: FishL recognition downstream eel monitoring, Herting, Sweden	<i>Janine Bryan – Whooshh Innovations (USA)</i>
11:35 a.m.	Lab-on-a-Fish: Wireless, miniaturized, fully integrated, implantable biotelemetric sensor for real-time in vivo monitoring of aquatic animals	<i>Daniel Deng – Pacific Northwest National Laboratory (USA)</i>
12:00 p.m.	Virtual Lunch	
13:30 p.m.	Highlights / Updates by attendants	
14:00 p.m.	Summary & Discussion – Research Needs	
14:30 p.m.	Closure of meeting	