

## Local and global initiatives: How science supports management actions on diadromous species









## 5 - 8 July 2022, Bordeaux

Tuesday				DiadES main outputs	
	09:00	09:30	Welcome speaches and house keeping		Lead partners and Henrique Cabral (EABX)
	09:30	10:15	Keynote speaker	Reflections on the science and management of diadromous species	Russell Poole (Marine Institute, Ireland)
	10:15	10:35	Keynote speaker	National Action Plan for Diadromous Species - PNMA France	Bénédicte Valadou (OFB, France)
	10:35	10:55	Keynote speaker	SUDOANG: towards a sustainable and concerted eel stock management	Estibaliz Diaz (AZTI, Spain)
	10:55	11:25	Coffee break		
	11:25	11:45	DiadES - WP2	Overview of activities under the WP "Communication"	Carolina Alonso (AZTI, Spain)
DiadES	11:45	11:50	Film 1 on ecosystem services provided by diadromous species		
Chair: Eric	11:50	12:10	DiadES - WP4	Overview of activities under the WP "Ecosystem services valuation"	Arantza Murillas (AZTI, Spain)
Rochard (INRAE, France)	12:10	12:15	Film 2 on success stories derived from European initiatives		
	12:15	12:35	DiadES - WP5	Overview of activities under the WP "Development of new species distribution models"	Patrick Lambert (INRAE, France)
	12:35	12:40	Film 3 on current problems in diadromous fish management		
	12:40	13:00	DiadES - WP6	Overview of activities under the WP "Biological and ecosystem services data collection and case studies"	William Roche (IFI, Ireland)
	13:00	13:05	Film 4 on economic assessment of ESs to improve management and conservation		

LÜNCH

Tuesday	Tuesday							
DiadES	14:15	14:35	DiadES - Atlas presentation	Altas main features with presentation of related Atlases (e.g. SudoAng)	Florence Mounier (ThinkR, France) and Patrick Lambert (INRAE, France)			
DiauES	14:35	14:55	Role-playing game presentation		Margaux Herschel (INRAE, France)			
Chair: Géraldine Lassalle (INRAE,	14:55	16:25	Training - practising - Atlas - Game - Management guidelines	Workshop				
France)	16:25	16:55	Coffee break					
i rance)	16:55	17:55	Training - practising - Atlas - Game - Management guidelines	Workshop				

GALA DINNER River Cruise

l Wednesday				DiadES main outputs and start of the DiadES scientific days with Fauna/Shad'EAU inputs	
	09:00	11:00	Training - practising - Atlas - Management guidelines	Workshop	
DiadES	11:00	11:30	Coffee break Engagement on the policy guidelines -		
	11:30	12:45	format to define (debriefing after the workshops)	IPIENARY SESSION	Géraldine Lassalle and Patrick Lambert (INRAE, France) with Cristina Marta-Pedroso (MARETEC-IST, Portugal)

LUNCH

Wednesday						
	14:00	14:30	Keynote speaker - WP4	Ecosystem service valuation to create the knowledge needed for the transition to a sustainable blue economy: a policy perspective	Ana Peralta and Hidde Politiek (DG MARE, economic team) (pre-recorded)	
	14:30	14:50	DiadES - WP4	Listing and monetary valuation of ecosystem services associated with diadromous species in the 9 case studies	[ "	
	14:50	15:10	DiadES - WP4	Measuring the cultural values of commercial and recreational fisheries targeting diadromous species	Angela Muench (Cefas, U.K.)	
DiadES with contributions from	15:10	15:30	Local initiative: Fauna/shad'EAU	Economic analysis of shad recreational uses - some insights on the regulation of the activity and the species conservation	Christophe Boschet (INRAE, France)	
Fauna/Shad'EAU	15:30	16:00	Coffee break			
	16:00	16:30	Keynote speaker - WP5	The challenge to anticipate the future of fish communities in a warmer ocean	Guillem Chust (AZTI, Spain)	
Chair: Patrick Lambert (INRAE,	16:30	16:50	DiadES - WP5	Trajectories of ecosystem services associated with diadromous species - a case study	Angela Muench (Cefas, U.K.)	
France)	16:50	17:10	Local initiative: Fauna/shad'EAU / DiadES - WP5	Quantification of land-sea nutrient fluxes supplied by allis shad across the species' range	Camille Poulet (INRAE, France)	
	17:10	17:30	Related topic WP6	Breeding migration of sea lamprey in Loire river: a long and highly risked route	Thomas Trancart (MNHN, France)	
	17:30	17:50	Related topic WP6	The potential contribution of small coastal streams to the conservation of declining and threatened diadromous fishes, especially the European eel	Alan Walker / Gordon Copp (Cefas, U.K.)	
	17:50	18:10	Related topic WP6	Spawning migration of smelt Osmerus eperlanus in the river Wyre, U.K.	Tea Basic / Andy Moore (Cefas, U.K.)	

POSTER SESSION

Thursday				DiadES scientific day with Fauna/Shad'EAU inputs	
	09:00	09:30	Keynote speaker - WP6	Methods to track diadromy	Karin Limburg (SUNY-ESF, USA)
	09:30	09:50	DiadES - WP6	Shads metapopulations: insights from microchemistry	Françoise Daverat (INRAE, France)
				Unravelling the distribution, biology and ecology of European shads during a key	
	09:50	10:10	Local initiative: Fauna/shad'EAU	phase but also a black box: the marine phase. Various approaches, including	David José Nachón García (USC-EHEC, Spain)
DiadES with				otolith microchemistry	
contributions from	10:10	10:30	DiadES - WP6	Hybridization across the Atlantic Area	Ana Filipa Belo (MARE-University of Évora, Portugal)
Fauna/Shad'EAU	10:30	10:50	Local initiative: Fauna/shad'EAU	Hybridization between <i>Alosa alosa</i> and <i>Alosa fallax</i> : causes and consequences for conservation	Olivier Lepais (INRAE, France)
Chair: Marie-	10:50	11:20	Coffee break		
Laure Acolas (INRAE, France)	11:20	11:40	DiadES - WP6	Using environmental DNA (eDNA) detection to monitor diadromous species in rivers and estuaries	Naiara Rodriguez (AZTI, Spain) and Phil Davison (Cefas, U.K.)
	11:40	12:00	Related topic WP6	Diadromous species at sea distribution and the role of MPAs	Gaspard Dubost (Pole MIAME, France)
	12:00	12:20	Related topic WP6	Investigating the spawning behaviour of Twaite Shad ( <i>Alosa fallax</i> ) on a navigation river in the south-east of Ireland	Tara Gallagher (IFI, Ireland)
	12:20	12:40	Related topic WP6	Mondego case study - overview	Catarina Mateus (MARE-University of Évora, Portugal)
			LUNCH		

Thursday				Diadromous fish stocking: weaknesses, strengths and future challenges	
	14:00	14:10	Introduction words		Marie-Laure Acolas (INRAE, France) and Sylvie Jego (AEAG, France)
	14:10	14:30	Keynote speaker	Supporting diadromous species populations in the Adour-Garonne basin: a variety of objectives and tools	Gilles Adam (DREAL-NA, France)
REVE	14:30 14:50	14:50 15:10	Keynote speaker	East, West, Home is (Not) Best: History of American Shad stocking in the U.S.	Karin Limburg (SUNY-ESF, USA)
Chair: Joern	15:10	15:30	Questions / exchanges with the room		
Gessner (IGB	15:30	16:00	Coffee break		
Berlin, Germany)	16:00	16:20	Student speaker	Development of population monitoring methods for the reintroduced Allis shad ( <i>Alosa alosa</i> ) in the Rhine system	Elodie Boussinet (UCB, Germany)
	16:20	16:40	Keynote speaker	Rearing more wild-like fish for stocking – does it work?	Joacim Naslund (SLU Aqua, Sweden)
	16:40	17:00	They note speaker	Treating more wild-like lish for stocking – does it work:	oodciiii Wasidha (OLO Aqua, Oweden)
	17:00	17:20	Questions / exchanges with the room		

FREE EVENING

Friday		Diadromous fish stocking: weaknesses, strengths and future challenges					
	09:00 09:20	09:20 09:40	Keynote speaker	182 years of eel restocking: history and state of art	Laurent Beaulaton (OFB, Pole MIAME, France)		
	09:40	10:00	Student speaker	The restocking of eels from an evolutionnary ecological perspective: a review	Hermione Froehlicher (INRAE, France)		
REVE	10:00	10:20	Questions / exchanges with the room				
	10:20	10:50	Coffee break				
Chair: Françoise Daverat (INRAE,	10:50	11:10	Keynote speaker	Restocking Anguilla anguilla in the Loire River, from glass eels to silver eels	Eric Feunteun, Bastien Bourillon and collaborators (MNHN Dinard / INRAE Rennes, France)		
France)	11:10	11:30	Kaynata anadkar	Laggara from Aginapagy sturia and A gyuringhua rastoration programs	Marie-Laure Acolas, Joern Gessner, Eric Rochard and		
,	11:30	11:50	Keynote speaker	Lessons from Acipenser sturio and A. oxyrinchus restoration programs	collaborators (INRAE, France & IGB Berlin, Germany)		
	11:50	12:20	Questions / exchanges with the room				
	12:20	12:30	Closing words		Organizing committee		

END with lunch