

# SAMARCH 2022 INTERNATIONAL FORUM

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## SALMON AND SEA TROUT: SCIENTIFIC TOOLS FOR THEIR PROTECTION

17 AND 18 MAY 2022 – PLÉNEUF VAL ANDRÉ (FR – 22)

# PROGRAM

IMPROVING MANAGEMENT  
IN ESTUARIES AND THE SEA





# EDITORIAL

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Dear participants, speakers and friends,

I am delighted to welcome you to the **SAMARCH forum in Brittany** on the Pléneuf Val André site. Over the course of two days, scientists, managers, technicians and fishermen will discuss the preservation and safeguarding of migratory salmonids in estuarine and coastal areas. It is essential today to better understand the functional role of these areas to try to slow down or even reverse the decline of these populations in the North Atlantic.

Thanks to the extensive efforts made in freshwater by fishermen and their associations, State services, local authorities and their financial partners, we are fortunate enough to observe the gradual return of migratory fish to coastal rivers, as shown by the scientific monitoring conducted in both Normandy and Brittany. Unfortunately, the marine indicators are much more worrying. This is the challenge for the SAMARCH programme, of which this symposium is a part before the programme ends in June 2023.

Bretagne Grands Migrateurs is proud to be contributing to this major programme, which I am sure will provide scientific answers and improve the management of our large migratory species. I hope you all enjoy an excellent forum, filled with informative and constructive discussion.

Jean-Yves MOËLO, president of BRETAGNE GRANDS MIGRATEURS

# Programme

## TUESDAY, 17 MAY

9.30 am:	Welcome coffee
10 am:	<p>Welcome speech</p> <p>Jean-Yves MOËLO, president of Bretagne Grands Migrateurs</p> <p>Delphine ALEXANDRE, vice-president of health, water and biodiversity of the Brittany region</p> <p>Nathalie NOWAK, councillor for the environment of the Côtes d'Armor department</p>
10.30–10.50 am:	<p>Report on the objectives and content of the SAMARCH programme (Dylan ROBERTS, GWCT)</p>
10.50 am–12.10 pm:	<p>Introduction – Current knowledge and knowledge gaps in the marine phase of migratory salmonids</p> <p>10.50–11.15 am: Finally getting to grips with the complex life of Atlantic salmon at sea (Ken WHELAN, Atlantic Salmon Trust -Ireland-)</p> <p>11.15–11.40 am: Modelling population dynamics and stock assessment of salmon in the North Atlantic basin (Etienne RIVOT, Institut Agro)</p> <p>11.40 am–12.05 pm: The distribution of diadromous fish at sea and the role of Marine Protected Areas (MPAs) (Sophie ELLIOTT, Institut Agro / GWCT)</p> <p>12.05–12.25 pm: Discussion with the audience</p>
12.30–2.00 pm:	Lunch
2.00 pm:	<p>SESSION 1: Presentation of scientific work from the SAMARCH programme on improving knowledge of migratory salmonids in estuaries and at sea</p> <p>2.00–2.30 pm: WPT1 – The survival of smolts during their downstream migration: influence of biotic and abiotic parameters (Céline ARTERO, GWCT)</p> <p>2.30–3.00 pm: WPT2 – Sea trout in the Channel: what can we learn from genetic analysis? (Sophie LAUNEY, INRAE &amp; Jamie STEVENS, University of Exeter)</p> <p>3.00–3.30 pm: Discussion with the audience</p>
3.30–3.50 pm:	Coffee break
	<p>3.50–4.20 pm: WPT3 – Tracing the life of salmon at sea by analysing their scales (Marie NEVOUX, INRAE)</p> <p>4.20–4.45 pm: Comparative analysis of the population dynamics and diet of the great cormorant (<i>Phalacrocorax carbo</i>) in the Arques (76) and Léguer (22) river basins (Yann FEVRIER, GEOCA and Alexandre CARPENTIER, MNHN)</p> <p>4.45–5.15 pm: Discussion with the audience</p>
5.15 pm:	Closing of the day

# Programme

## WEDNESDAY, 18 MAY

9 am:	<p>Welcome speech: Isabelle Grytten, head of the Natural Heritage department / Biodiversity, Geology and Landscape division of DREAL Bretagne</p>
9.15 am:	<p>SESSION 2: What planning and management tools are used for migratory salmonids?</p> <p>9.15–9.40 am: Comparison of salmonid management and policy developments in France and the UK (Laurent BEAULATON, OFB and Lawrence Talks, EA)</p> <p>9.40–10.05 am: The National Plan for Diadromous Migrators and its links to other existing tools for the preservation of these species (Marine PORTENEUVE, OFB-INRAE)</p> <p>10.05–10.30 am: Regulating fishing for migratory salmonids in estuaries and at sea in Brittany and Normandy (Elise CARNET, DREAL Bretagne and Gwenaël ROBINEAU, OFB)</p> <p>10.30–10.50 am: Discussion with the audience</p>
10.50–11.10 am:	Coffee break
11.10 am:	<p>SESSION 3: Feedback and examples of measures taken to preserve migratory salmonids in freshwater</p> <p>11.10–11.30 am: From data collection to data development (Laëtitia LE GURUN, BGM)</p> <p>11.30–11.50 am: Managing recreational fishing for migratory salmonids in Brittany: regulations, reporting catches and new management strategy for salmon fishing (Marie-Andrée ARAGO, OFB)</p> <p>11.50 am–12.10 pm: RENOSAUM: moving towards new recreational salmon fishing regulations in Brittany (Etienne PRÉVOST, INRAE)</p> <p>12.10–12.30 pm: Major pathological risks for migratory salmon: from UDN (a myth?) to reality (<i>Gyrodactylus salaris</i>) (Patrick GIRARD and Armand LAUTRAITE, Santé Poissons Sauvages association)</p> <p>12.30–12.50 pm: Discussion with the audience</p>
12.50–2.30 pm:	Lunch
2.30–4.45 pm:	<p>SESSION 4: Round table – Feedback and examples of measures taken to preserve migratory salmonids in estuaries and at sea</p> <ul style="list-style-type: none"> <li>• What is the added value of Marine Protected Areas (MPAs) for the management of migratory salmonids? (Gwenola DE ROTON, OFB &amp; Pauline BLANCHARD, OFB)</li> <li>• How do you factor in the restoration of ecological continuity in coastal areas? What are the difficulties involved? (Christophe MAUGENDRE OFB &amp; Pierre LEGENDRE, Morlaix Communauté)</li> <li>• What are the potential impacts of offshore wind farms on salmonids? (Anthony ACOU, OFB &amp; Lydie COUTURIER, France Énergies Marines)</li> <li>• How do you better manage migratory salmonid fisheries at sea and in estuaries? Reporting catches and bycatch (Guillaume LE PRIELLEC, CRPMEM), Risk analysis of bycatch (Vincent TOISON, OFB)</li> </ul> <p>A tool to raise awareness among recreational fishermen: Nav&amp;Co (Marie LE BARON, OFB)</p>
4.45 pm:	<p>Summary and conclusion of the forum: Jean-Paul DORON, 1<sup>st</sup> vice-president of FNPF and member of the SEINORMIGR board of directors</p>
5.00 pm:	Closing of the Forum



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