

Utilisation des observatoires long terme au niveau international

BEAULATON Laurent

De quoi parle-t'on (dans cet exposé) ?

- ▶ **Plutôt observations au sens large**
- ▶ **Sous la forme de séries pluriannuelles**
 - ▶ Suivis scientifiques (recrutement civelles, smolts, ...)
 - ▶ Captures (pro, amateur) et taux d'exploitation
- ▶ **Centré sur les utilisations dans les groupes d'expertise CIEM (ICES)**
- ▶ **Autres utilisations (pour mémoire)**
 - ▶ Publications scientifiques
 - ▶ Rapportage (anguille, DCF, ...)
 - ▶ UICN
 - ▶ ...

Le Data Collection Framework (DCF)

- ▶ Règlement européen depuis 2000 (2017/1004)
- ▶ Collecte, gestion, utilisation des données
- ▶ Données de pêcheries pro et amat. (capt., effort, biométrie)
- ▶ Données scientifiques type « campagne internationale »
- ▶ Financé en partie sur le FEAMP
- ▶ Obligation de communiquer les données
- ▶ Saumon et anguille depuis 2001, truite de mer arrive en 2022
- ▶ INRAE et OFB chargé par la DPMA des migrateurs
- ▶ Se traduit par un plan de travail national triennal

RÈGLEMENT (UE) 2017/1004 DU PARLEMENT EUROPÉEN ET DU CONSEIL

du 17 mai 2017

relatif à l'établissement d'un cadre de l'Union pour la collecte, la gestion et l'utilisation de données dans le secteur de la pêche et le soutien aux avis scientifiques sur la politique commune de la pêche, et abrogeant le règlement (CE) n° 199/2008 du Conseil

<https://datacollection.jrc.ec.europa.eu/>



Les appels à données

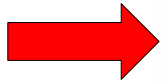
Data calls



Currently active data calls published by ICES



Date	Title	Closing Date	Details (link)
25 MAY 2021	Data call for ICES advisory work related to bycatch of protected species (WGBYC-2021). Submissions can be made to: data.call@ices.dk Additional information: data.call@ices.dk , advice@ices.dk	15 AUG 2021	 Data call details
21 MAY 2021	Joint ICES, EIFAAC, GFCM data call 2021 for advice on European eel. Submissions can be made to: data.call@ices.dk , Additional information: data.call@ices.dk , advice@ices.dk	30 AUG 2021	 Data call details



Les appels à données



DCF national correspondents

Els Torreele, Ivana Vukov, Jørgen Dalskov, Elo Rasmann, Heikki Lehtinen, Louise Veron, Christoph Stransky, Michael Chatziefsthathiou, Leonie O'Dowd, Mauro Bertelletti, Didzis Ustups, Vilda Griūnienė, Mandy Doddema, Irek Wojcik, Emilia Batista, Tim Berginc, Anna Hasslow, Maria del Pilar Vara del Río, Matthew Elliott.

ICES ACOM members

Els Torreele, Morten Vinther, Robert Aps, Jari Raitaniemi, Alain Biseau, Jonathan White, Linas Lozys, Bjarte Bogstad, Christopher Zimmermann, Didzis Ustups, Niels Hintzen, Jan Horbowy, Maria de Fátima Borges, Francisco Velasco Guevara, Massimiliano Cardinale, Pieter-Jan Schön.

Our Ref: H.4/ACB/hgj/ck

21 May 2021

Subject: ICES Eel Data Call 2021

Dear Reader,

Please find enclosed a document describing the rationale, scope and technical details of the Eel Data call for the 2021. Also, enclosed are up to 15 annexes (depending on the country, see below) with the Data Call templates to fill.

The data will be used by WGEEL to conduct an assessment of the eel stock status and factors affecting the stock in support of the recurrent ICES Advice, and ICES workshop(s) to address tasks to evaluate Eel Management Plan progress as reported by EU Member States in terms of monitoring, effectiveness and outcome, in support of the special request from the EC to ICES.

For countries which are also EU members this data call is under the Council Regulation (EC) No 2017/1004.

The deadline for this data call is Monday 30th of August 2021.

For questions about the content of the data call, please contact: advice@ices.dk. For questions on data submission, please contact: data.call@ices.dk.

The data call will also be available from the ICES website at: <https://www.ices.dk/data/tools/Pages/Data-calls.aspx>

Sincerely,

Anne Christine Brusendorff

General Secretary

6. Data submission


Fifteen template tables (Annexes) are provided for this Data Call:

- Annex 1 Time Series Recruitment
- Annex 2 Time Series Yellow Standing Stock
- Annex 3 Time Series Silver
- Annex 4 Landings Commercial
- Annex 5 Landings Recreational
- Annex 6 Landings Other
- Annex 7 Releases
- Annexes 8 Aquaculture
- Annex 9 Mortality Rates
- Annex 10 Biomass Indicators
- Annex 11 Recreational Fishers
- Annex 12 Effort
- Annex 13 EMP Overview
- Annex 14 Less Than 12 cm Eel Utilisation
- Annex 15 Measures

L'intégration des données

	A	B	C	D	E	F	G	H
1	eel_id	eel_typ_na	eel_year	eel_value	eel_missva	eel_emu_n	eel_cou_cq	eel_lfs
2	378334	com_landin	1978	1393000		FR_total	FR	G
3	378335	com_landin	1979	1850000		FR_total	FR	G
4	378336	com_landin	1980	1491000		FR_total	FR	G
5	378337	com_landin	1981	890000		FR_total	FR	G
6	378338	com_landin	1982	866000		FR_total	FR	G
7	378339	com_landin	1983	791000		FR_total	FR	G

- ▶ DE
- ▶ DK
- ▶ ESP
- ▶ EST
- ▶ FIN
- ▶ **FRA**
- ▶ GRE
- ▶ HRV
- ▶ IRL
- ▶ ITA
- ▶ LAT
- ▶ LTU
- ▶ NL
- ▶ NO
- ▶ PL
- ▶ PT
- ▶ SE
- ▶ TUN
- ▶ UK


Close window

Data

- Import
- Import Time Series
- Edit Data
- Plot duplicates
- New Participants
- Edit Data module

Main assessor (National)

Cedric Briand

Secondary assessor (Data)

Cedric Briand

Password:

Go

Datacall Integration and checks

step 0 : Data check

Choose xls File

Browse... No file selected

File type:

- Catch and Landings
- Release
- Aquaculture
- Biomass indicators
- Habitat - wetted area
- Mortality silver equiv. Biom.
- Mortality_rates

Check file

step 1 : Compare with database

Check duplicate

Duplicated data New values

Updated data

Summary modifications summary still missing

step 2.1 Integrate/ proceed duplicates rows

xls duplicates

Browse... No file selected

Proceed

step 2.2 Integrate new rows

xls new

Browse... No file selected

Proceed

step 2.3 Updated values

xls new

Browse... No file selected

Proceed

Les analyses des données

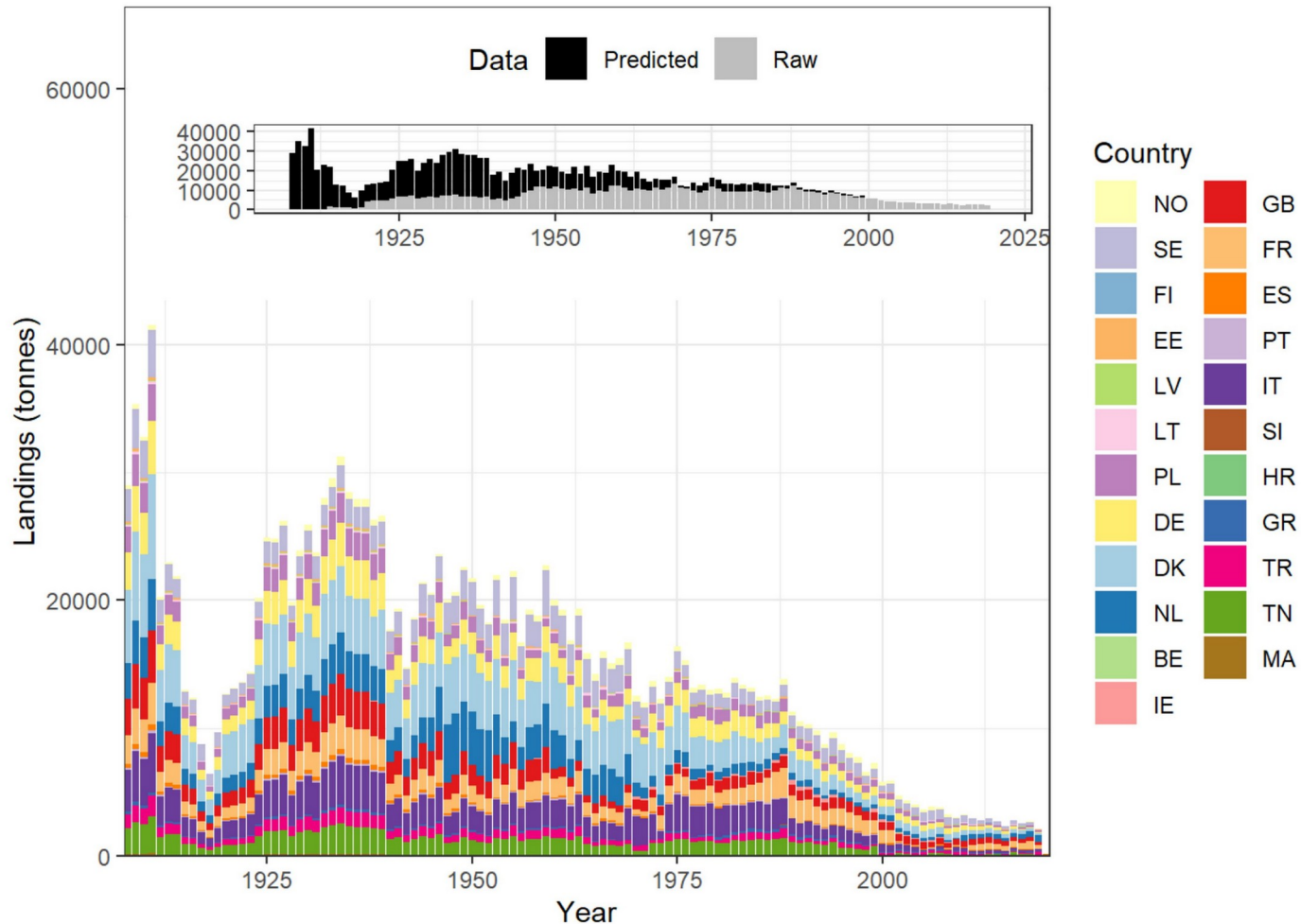
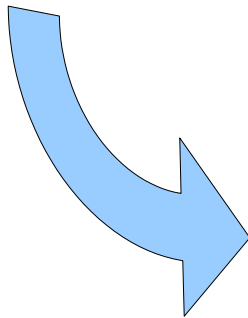
► Ex : captures commerciales d'anguilles

Available commercial landings for : G+S+GY+OG+QG+AL+YS+Y



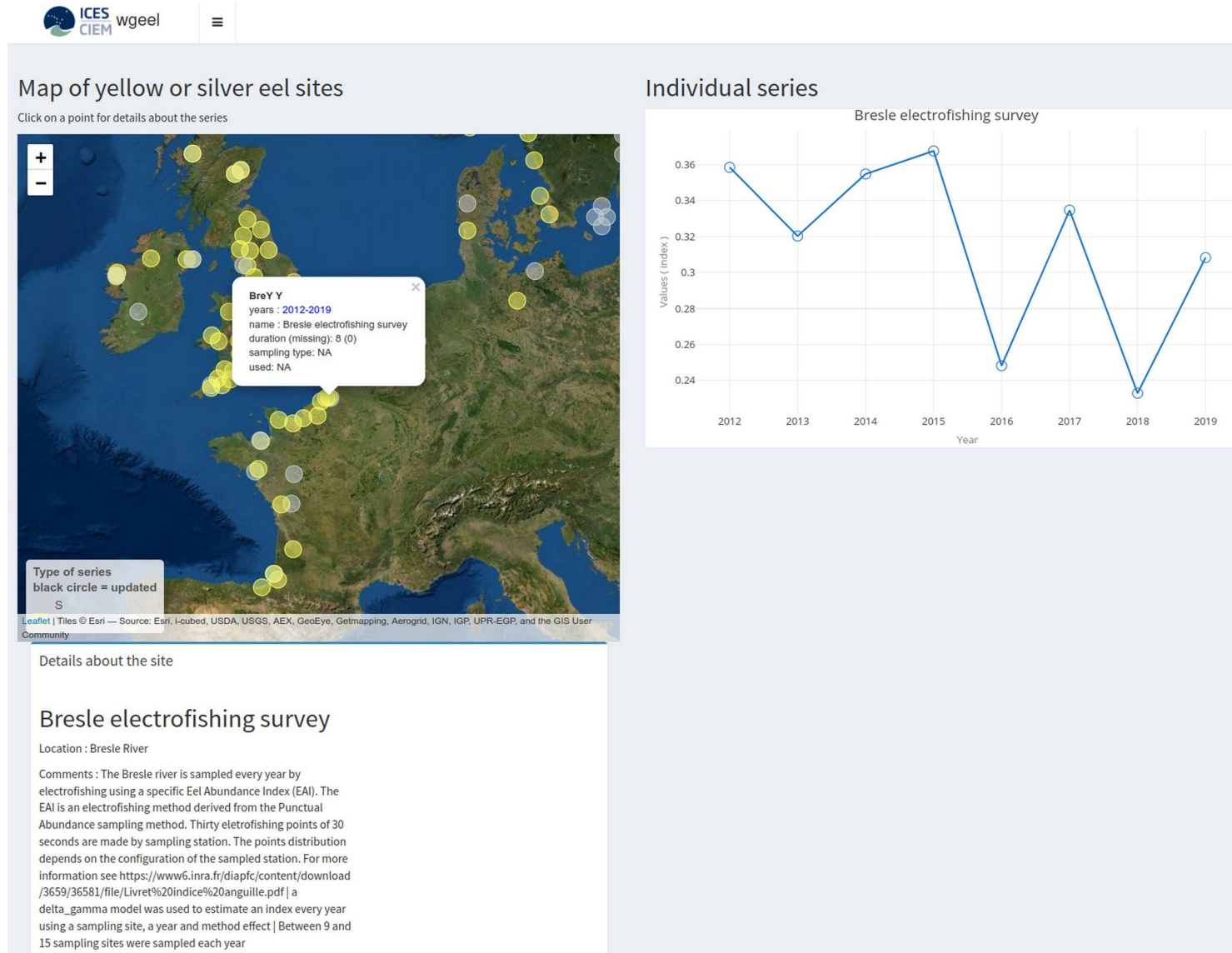
Les analyses des données

► Ex : captures commerciales d'anguilles



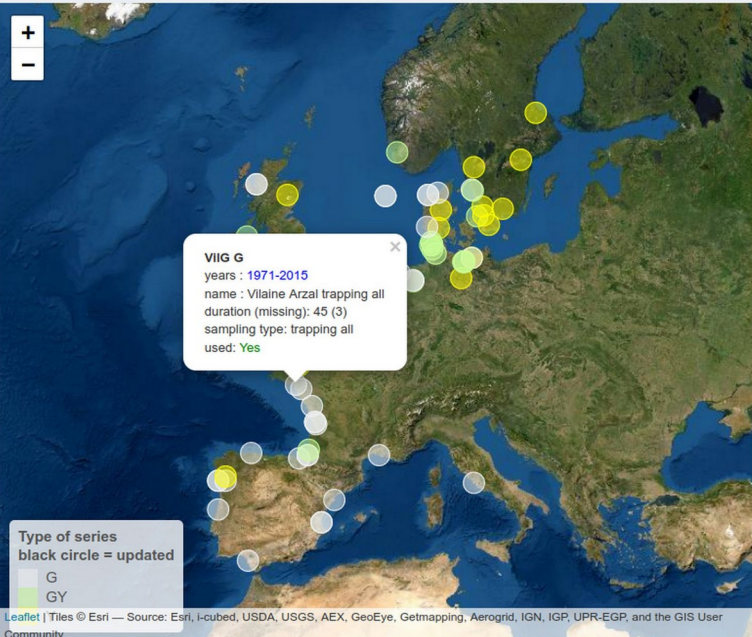
Les analyses des données

► Ex : Anguille Jaune / argentée



Les analyses des données

► Ex : Recrutement anguilles

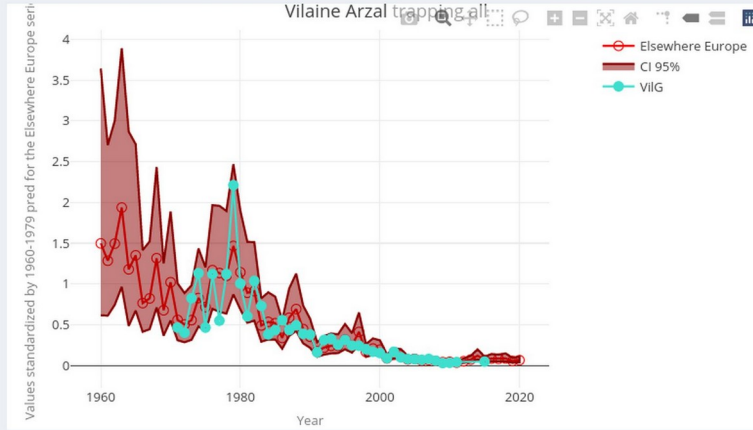


Map of recruitment sites
Click on a point for details about the series

VIIG G
years : 1971-2015
name : Vilaine Arzal trapping all duration (missing): 45 (3)
sampling type: trapping all used: Yes

Type of series
black circle = updated
G
GY

Individual series compared to recruitment trend



Values standardized by 1960-1979 pred for the Elsewhere Europe series

Year

- Elsewhere Europe
- CI 95%
- VIIG

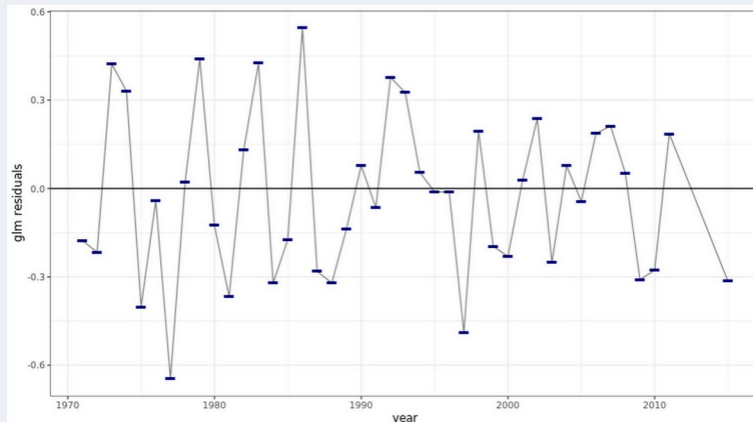
Details about the point

click on the other series

Model Residuals

resid

Unlike previous graph where current values are scaled to the period, 1960-1979 using predicted model values, these represent the TRUE residuals of the gamma model



gim residuals

year

Details about the site

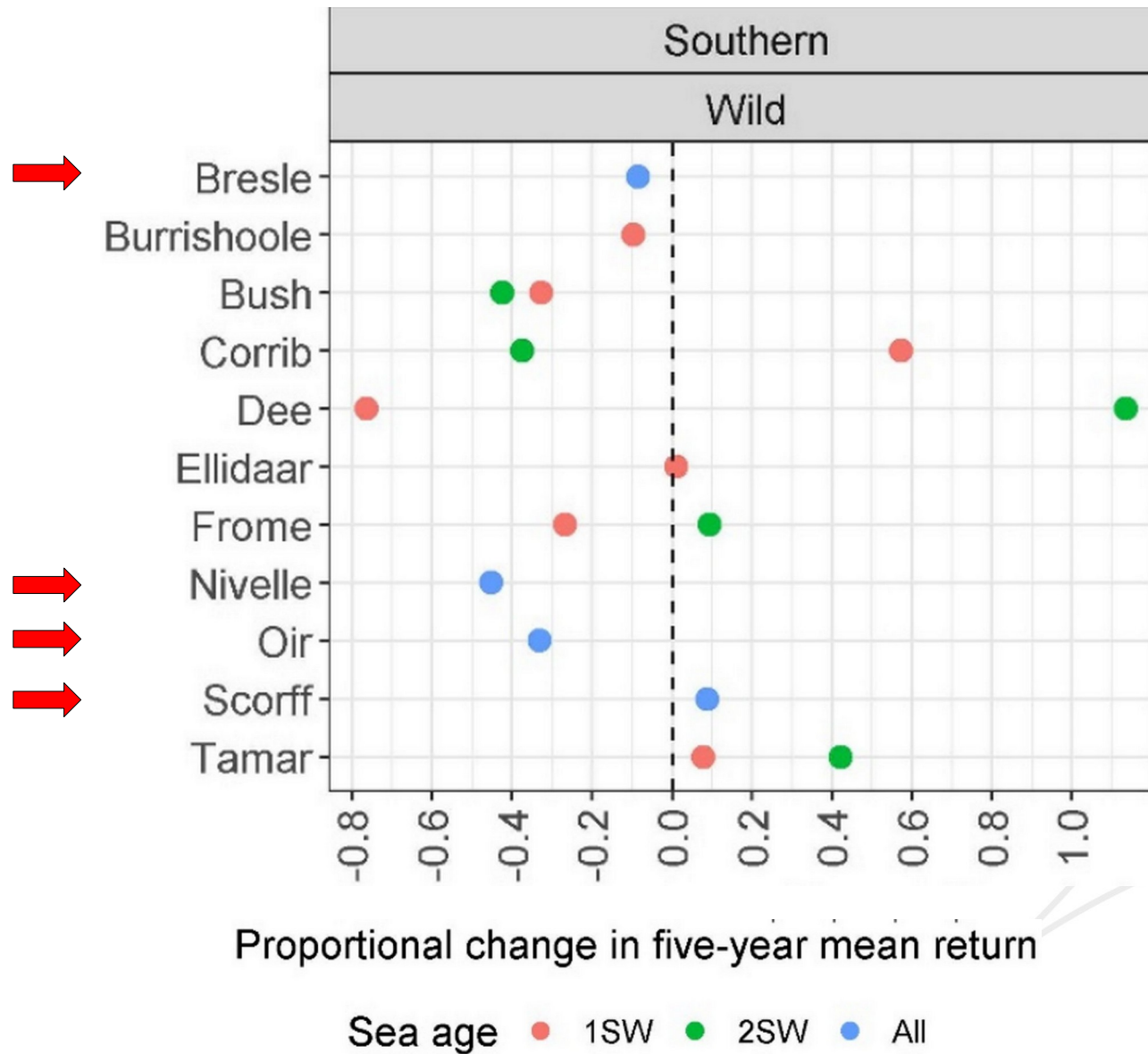
Vilaine Arzal trapping all

Location : The Vilaine glass eel fishery is concentrated downstream from the Arzal dam, 12 km from the sea.

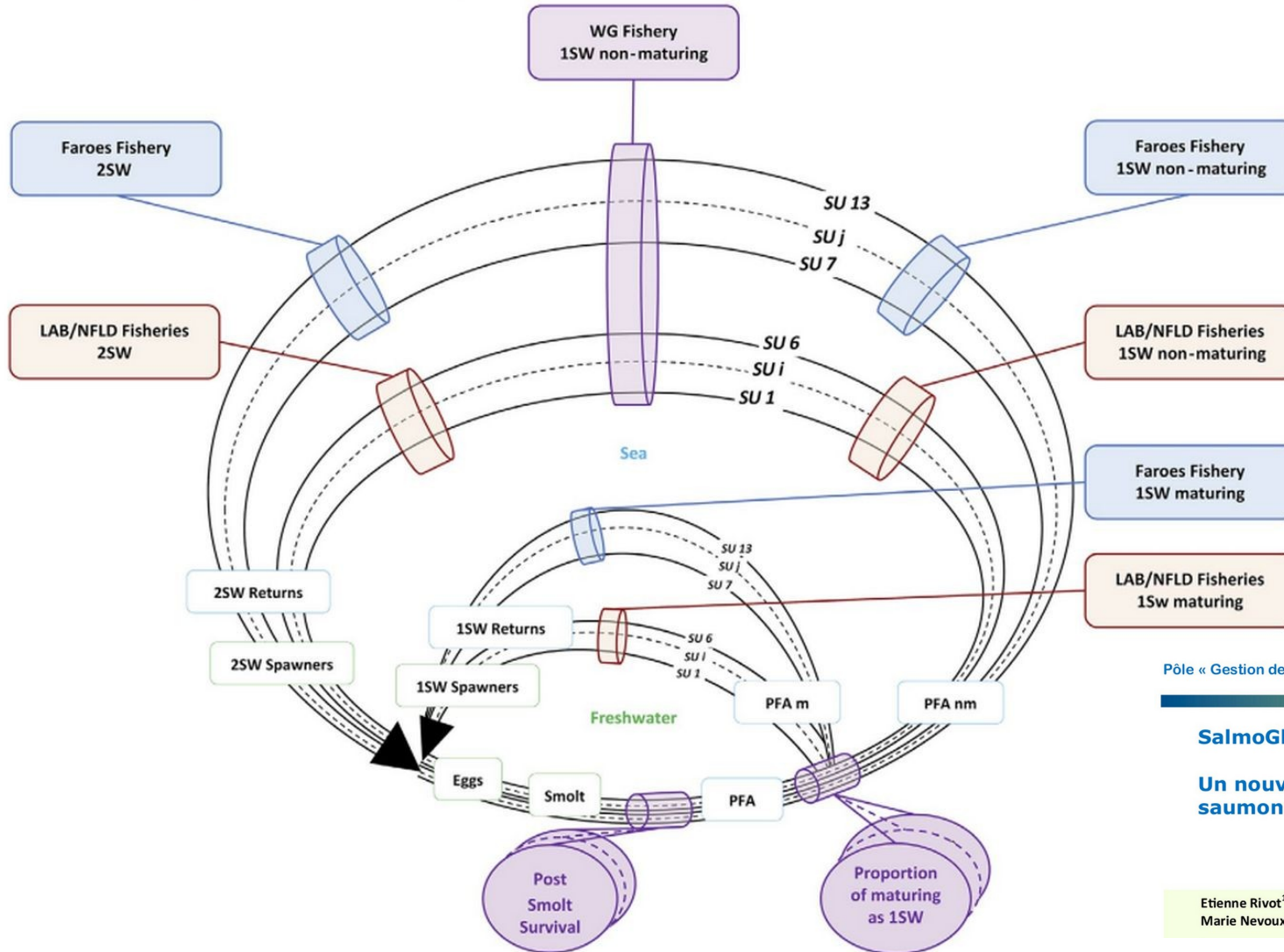
Comments : From 1970 to 1996, this series corresponds to the total catch of the fishery (the fishery operates to end of April). After this period some percents are added by the monitoring of a glass eel ladder installed on the dam as some fishery restriction are negotiated in March and April. The efficiency of this ladder is estimated by marking recapture operations and some percents are added to the estimated recruitment value. This series is the closest to the overall trend as the fishery is very efficient and glass eel total catch is not influenced by environmental conditions. Data from 2009 to 2011 are calculated from an assumption about level of Vilaine catch in

Les analyses des données

► Ex : Taux de retour saumon



L'intégration dans des modèles d'évaluation



Pôle « Gestion des migrateurs amphihalins dans leur environnement »

SalmoGlob - ToolBoxWGNAS

Un nouveau modèle pour l'évaluation des stocks de saumon atlantique à l'échelle de l'Atlantique Nord

2019

Etienne Rivot^{1,2}, Maxime Olmos^{1,2}
Marie Nevoux^{1,2}, Etienne Prévost^{3,2}, Mathieu Buoro^{3,2}, Laurent Beaulaton^{2,4}

https://sirs.agrocampus-ouest.fr/discardless_app/WGNAS-ToolBox/

Merci de votre attention

