



## 21<sup>st</sup> International FishBase and SeaLifeBase Symposium

### Second announcement

Monday 04 September 2023  
Royal Museum for Central Africa, Tervuren.

FishBase ([www.fishbase.org](http://www.fishbase.org)) is the largest global information system on fishes. It provides encyclopaedic information on all described fishes and includes many tools for scientists in a large array of ichthyological disciplines. With about 700,000 visits per month, it is the most successful database on any group of living organisms.

SeaLifeBase complements the success of FishBase and has become an important platform for information on non-fish marine organisms.

Since 2001, FishBase is supported by an international consortium that includes the Royal Museum for Central Africa in Tervuren as a founding member. After three successful meetings in 2007, 2012 and 2017, the Museum will again hold the steering committee meeting (4 to 8 September 2023), and will organise on Monday 4 September an open Symposium in hybrid format that is focussing on fish diversity and aquatic databases, bringing together various approaches used to study this fascinating vertebrate group and the marine environment.

Scientists from within and outside the consortium will present results on a wide range of studies on fishes, from the local to the global scale, from morphology to genetics, from fundamental to applied, from data poor to data rich areas, from databases to models. The symposium program can be found below.

#### **Practical information:**

Venue: Royal Museum for Central Africa, Leuvensesteenweg 13, B-3080 Tervuren Belgium. The symposium takes place in Meeting Room 1 (entrance through the museum's main entrance in the Welcome Pavilion).

Time: registration starts at 8h30. The symposium starts at 9h00 and closes at 17h15.

A sandwich lunch will be provided for all those hungry for science and food.

#### **Registration:**

Please submit the registration details below to [fishbase@africamuseum.be](mailto:fishbase@africamuseum.be) if you want to participate. Online participants will receive the link to the symposium after registration.

First name:.....

Last name:.....

Affiliation:.....

Country:.....

Email:.....

Will attend the FishBase and SeaLifeBase symposium (choose one option): in person

online

Registration deadline: 27 August 2023

Hope to see you there,  
The RMCA FishBase Team,

Jos Snoeks, Tobias Musschoot, Gert Boden

**FISHBASE/SEALIFEBASE SYMPOSIUM**  
**04 SEPTEMBER 2023**  
**MEETING ROOM 1, WELCOME PAVILION, ROYAL MUSEUM FOR CENTRAL AFRICA**  
**CHAIR: JOS SNOEKS**

- 08:30 Registration
- 09:00 Opening of the FishBase symposium
- 09:15 Rainer Froese (Helmholtz Centre for Ocean Research GEOMAR, Germany)  
'Use of FishBase and SeaLifeBase in a new stock assessment tool'
- 09:30 Lauren Sallan (Okinawa Institute of Science and Technology, Japan)  
'Mining the fossil record to reconstruct the diversification of fishes'
- 09:45 Peter Mullen (Sunbird Images OHG, Germany)  
'Seascape guardians: empowering divers and snorkelers with an AI fish identification app for conservation'
- 10:00 Hugo Verreycken (Research Institute Nature and Forest, Belgium)  
Title to be confirmed
- 10:15 Jessica Meeuwig (University of Western Australia, Australia)  
'One fish, two fish, red fish, blue fish: how FishBase adds ecological value to video based underwater sampling data'
- 10:30 Coffee Break
- 11:00 Cheuk-Ho Wu (University of Hong Kong, China)  
'Fishy Business: Using Genetic Diversity to Hook Sustainable Fisheries in South China Sea'
- 11:15 Daniel Pauly (University of British Columbia, Canada)  
'Application of the Gill-Oxygen Limitation Theory to the Elasmobranchs: surprising and beautiful results'
- 11:30 Athanassios Tsikliras (Aristotle University of Thessaloniki, Greece)  
'Alien fish species and mean temperature of the catch in the Aegean Sea'
- 11:45 Flash talks session 1
- 12:30 Lunch Break
- 13:30 Marie Verheye (Leuven University, Belgium)  
'Population genomics of polar cod (*Boreogadus saida*) in a vanishing arctic seascape'
- 13:45 Maarten Vanhove (Hasselt University, Belgium)  
Title to be confirmed

- 14:00 Nazli Demirel (Istanbul University, Turkey)  
'FishBase contribution to improve knowledge in data-poor regions: a case study on the Sea of Marmara, Eastern Mediterranean'
- 14:15 Cornelia Nauen (Mundus Maris, Belgium)  
'Know your fish with FishBase and help protect it. Responding to consumer hopes for sustainable fish food'
- 14:30 Deng Palomares (University of British Columbia, Canada)  
'Estimating length at first maturity for invertebrates in SeaLifeBase'
- 14:45 Leen Vandepitte (Flanders Marine Institute, Belgium)  
'15 years of WoRMS - Above and Beyond: completing the World Register of Marine Species'
- 15:00 Coffee Break
- 15:30 Austin Humpries (University of Rhode Island, USA)  
'Diverse linkages between distant water fleet fishing and food security'
- 15:45 Fabrice Teletchea (Université de Lorraine, France)  
'Why do larvae hatch when they do?'
- 16:00 Patrick Pata (University of British Columbia, Canada)  
'Development and applications of a global harmonized zooplankton trait database'
- 16:15 Flash talks session 2
- 17:15 Closing of the Symposium