

Telemetry meeting

Spatial dynamic of aquatic populations
in regards to anthropogenic activities
and climate change

22-23
october
2024

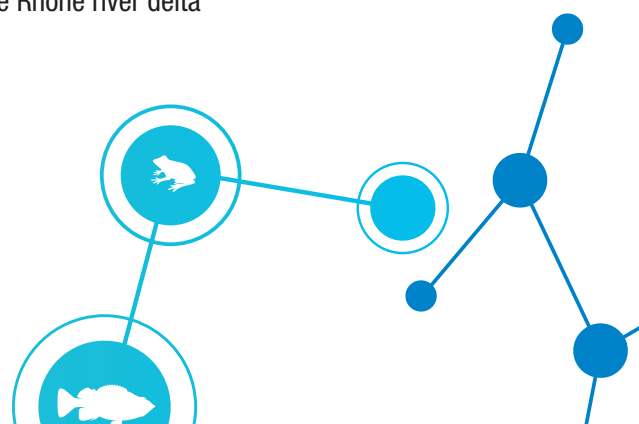
HEPIA - AULA
4 rue de la Prairie
1202 Genève - CH



Tuesday 22nd of october 2024

Telemetry
meeting
2024

- 9h00 _____ **Reception**
- 9h15 _____ **Frédérique Bau (PhD), research engineer, INRAE, France**
& Céline Artero (PhD), Senior Academic associate UAS, HEPIA, Switzerland
Opening greetings
- 9h30 _____ **Hervé Pella et al. (PhD), GIS specialist, INRAE, France**
Spatial analysis of the Mediterranean shad (*Alosa agone*) movements in front of the Bladier Ricard dam (Hérault, France) during their anadromous migration
- 9h50 _____ **Colin Bouchard et al. (PhD), Scientific project manager, SCIMABIO interface, France**
Integrating acoustics, RFID, in Bayesian Modeling to estimate the cumulative impact of hydroelectric complexes on the survival of migrating Atlantic Salmon smolts
- 10h05 _____ **Thelma Biotel - Hilde Johannesen (MSc), marketing and communication, Norway**
& Catrine Schulze (MSc), sales and marketing, Norway
Presentation of Thelma Biotel products
- 10h20 _____ **Coffee break**
- 11h10 _____ **Jelger Elings et al. (PhD), PostDoc, Eawag - Swiss Federal Institute for Aquatic Research, Switzerland**
Introducing the Swiss Acoustic Telemetry Network
- 11h30 _____ **Michael Ovidio et al. (Pr), Director of the Management of aquatic resources and of aquaculture, Liège University, Belgium**
Seasonal movements and performance of migratory fish paths for the aquatic species of the rivers Meuse and Ourthe
- 11h50 _____ **Stream Innov - Yann Abdallah (PhD), general director, France**
Presentation of Stream Innov products
- 12h05 _____ **Questions**
-
- 12h20 _____ **Lunch**
-
- 14h00 _____ **Antoine Polblanc et al. (Ms), Academic associate UAS, HEPIA, Switzerland**
Effect de the management of sediments on the trout (*Salmo trutta*) behaviour
- 14h20 _____ **Julien Bergé et al. (PhD), scientific project manager, SCIMABIO interface, France**
Study of the common trout (*Salmo trutta*) populations behaviour during episodes of high water stress
- 14h40 _____ **ATS Europe - Raul Martinez, territory manager, Spain**
Presentation of ATS products
- 15h00 _____ **Coffee break**
- 15h50 _____ **Damien Sonny et al. (PhD), Manager, CEO, Profish Technology, Belgium**
Acoustic telemetry study of the migratory success of silver eels at the Meuse international basin scale
- 16h10 _____ **Delphine Nicolas et al. (PhD), researcher, Fondation Tour du Valat, France**
COLAGANG project: eel downstream movements within the Rhône river delta
- 16h30 _____ **Questions**
- 17h00 _____ **End of the day 1**
-
- 20h00 _____ **Meeting at « Les Halles de l'île » restaurant**
1 place de l'île, 1204 Genève
-



Wednesday 23rd of october 2024

**Telemetry
meeting
2024**

- 9h30 _____ **Romain Roy et al. (PhD), researcher, EDF R&D LNHE, France**
Feedbacks on the use of acoustic telemetry to survey fish in-river downstream migration :
example of POUTES new site with a comparison of LOTEK & ATS equipment performances
- 9h50 _____ **François Martignac et al. (PhD), research engineer, INRAE, UMR 0985 DECOD, France**
Imaging sonar data analysis with image processing algorithms : improvements, feedbacks and perspectives
- 10h05 _____ **Innovasea - Silvana Germana (Bsc), sales consultant in fish tracking, Canada & Anhydre - Rodolphe Roma-Luciw (PhD), engineer - CEO, France**
Innovasea : advancing technology in acoustic telemetry
- 10h20 _____ **Coffee break**
- 11h10 _____ **Samuel Westrelin et al. (PhD), researcher, INRAE, France**
An open field laboratory to decode the behaviour of catfish and assess potentiel tools for its management
- 11h30 _____ **Questions & General discussion**
-
- 12h15 _____ **Lunch**
-
- 14h00 _____ **End of the 2024 telemetry meeting**

