

MATHIEU GENU

DATA SCIENTIST



EXPERIENCES

present
|
Oct 2019

Research engineer

Observatoire pelagis, UAR 3462, La Rochelle University

📍 La Rochelle (17), France

- Creating a R package to ease analysis of observation campaign of marine mammals on plane or boat.
- Development of shiny application to visualize aerial campaign survey results ([SPEE](#), [Cetambicion](#), [SCANS4](#))
- Development of an automated report with rmarkdown querying a database to create an annual report on marine mammal strandings in France.

2018

Research engineer

IFREMER, atlantic centre

📍 Nantes (44), France

- Projection of fishing managing scenarios of european hake in the Gulf of Lion (mediterranean sea) with ISIS-Fish model.



TEACHING

IFREMER, atlantic centre Nantes (44), France

2024

2022

Distance sampling with R (~12h)

- Theoretical approach of the use of indicators in ecology
- Practical courses of the use of {Distance} package

2023

Aerial observation training (1 day)

- Distance sampling with [{pelaverse}](#) packages
- Kriging with [{pelaverse}](#) packages

2019

Statistical introduction to Bachelor degree student (13.5h)

- Variance
- Correlation
- Linear regression



EDUCATION

2017

2016

MSc in Fisheries science

Agrocampus Ouest

- Bayesian statistical inference
- Fisheries stock evaluation

📍 Rennes (35), France

2014

2011

BSc in Organism biology

Rennes1 University

📍 Rennes (35), France



INTERSHIPS

2017

Master degree's last year internship (6 month)

IFREMER, Channel and North Sea centre

📍 Boulogne-sur-mer (62), France

- Evaluating processus contribution of climate change on fish communities using OSMOSE model. [📄](#)

2016

Master degree's first year internship (4month)

Agrocampus Ouest, fisheries and aquatic sciences center

📍 Rennes (35), France

- Identification of intertidal nurseries in the Bay of Douarnenez (Brittany, France).

CONTACT INFO

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[in linkedin](#)

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SKILLS



L^AT_EX



HOBBIES

Tennis (best UTR 6 - 15/4)

Chess ~1250 ELO (chesscom & lichess)