

Pierre Veron

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Affiliation

- **Institut de Biologie de l'ENS (IBENS)**, École Normale Supérieure (ENS), CNRS, INSERM, Université PSL, 46 rue d'Ulm, Paris, France
- **Écologie Systématique et Évolution (ESE)**, CNRS, Université Paris-Saclay, AgroParisTech, 12 route 128, Gif-sur-Yvette, France

Employment History

- 2022 – ■ **PhD student** at institut de Biologie de l'ENS, Paris, France.
Supervision: Hélène Morlon and Tatiana Giraud.
- 2022 ■ **Master thesis** at institut Français de Recherche pour l'Exploitation de la Mer (Ifremer), UMR Decod, Nantes, France.
- 2020 ■ **Research internship** at Centre de mathématiques appliquées de l'École polytechnique (CMAP), Palaiseau, France







Education

- 2020 – 2022 ■ **M.Sc. Environmental sciences and engineering, École Polytechnique Fédérale de Lausanne, Switzerland.** Water, soil and ecosystem engineering.
Thesis title: *Spatial multicomponent analysis of local and regional fish biodiversity from environmental DNA.*
- 2017 – 2020 ■ **Cursus ingénieur polytechnicien École polytechnique, France.** Sciences for the environment.
Studied applied mathematics, ecology and biodiversity, sciences for wind energy, urbanism.
- 2015 – 2017 ■ **Prépa lycée Faidherbe, Lille, France** Mathematics and Physics (MP).






Research Publications

- 1 Morlon, H., Andréoletti, J., Barido-Sottani, J., Lambert, S., Perez-Lamarque, B., Quintero, I., Senderov, V., & **Veron, P.** (2024). Phylogenetic insights into diversification. *Annu Rev Ecol Evol Syst*, 55, 1–21. <https://doi.org/10.1146/annurev-ecolsys-102722-020508>
- 2 **Veron, P.**, Andréoletti, J., Giraud, T., & Morlon, H. (2024). Speciation completion rates have limited impact on macroevolutionary diversification. *Philos Trans R Soc B Biol Sci*, in press.
<https://doi.org/10.1101/2024.07.01.601000>
- 3 **Veron, P.**, Rozanski, R., Marques, V., Joost, S., Deschez, M. E., Trenkel, V. M., Lorange, P., Valentini, A., Polanco F., A., Pellissier, L., Eme, D., & Albouy, C. (2023). Environmental DNA complements scientific trawling in surveys of marine fish biodiversity. *ICES J Mar Sci*, 80(8), 2150–2165. <https://doi.org/10.1093/icesjms/fsad139>

Talks and posters

- January 2025  Journées IDEEV/days of the institute of diversity, ecology and evolution of the living world, Gif-sur-Yvette, France (talk).
- May 2024  Stochastic processes in evolutionary biology, CIRM, Marseille, France (poster).
- April 2024  Perspectives on speciation, Linnean Society, London, UK (poster).
- June 2023  École de printemps de la chaire Mathématiques et modélisation de la biodiversité/Spring school of the chair “mathematics and modelisation of biodiversity”, Aussois, France (talk).
- May 2023  Congress of young researchers, Muséum National d’Histoire Naturelle, Paris, France (talk).
- April 2023  Mathematical population dynamics, ecology and evolution, CIRM, Marseille, France (talk).




Teaching assistant

- 2022 – 2024  Adaptive dynamics, M2 IMaLiS, ENS.
- 2023, 2024  Maths training for biologists, L3 and M1 IMaLiS, ENS.
- 2022 – 2024  Computer sciences for biologists, L3, ENS.
- 2021  Spatial statistics, Master Environmental Sciences, EPFL.
- 2017  Full time 5-months research assistant in mathematics and computer science for bachelor students. École nationale supérieure polytechnique, Yaoundé, Cameroon.

Supervision


- 2024  **Anaïs Spire**, M1 IMaLiS, ENS (4 months internship)

Skills

- Languages  French, English, a little German.
- Coding  Python, R, LaTeX.
- Misc.  Driving license.

Miscellaneous Experience



Scientific engagement

- 2023  Responsible for the organization of the weekly seminar of the Ecology and evolutionary biology section of IBENS.

Awards and Achievements

- 2022  **Head of the class**, Master Environmental Sciences, EPFL.

Popularization of science

- 2024  *Fête de la science*, running a stand for children at the ENS science fair.
- 2018 – 2023  **Summer school** co-organizing and animating “Astromath”, a summer camp for high-school students about mathematics and astronomy, in Ardèche, France.