



Fanny SARRAZIN

INRAE, HYCAR Research Unit
Hydrology Research Group
Antony, France
+33 (0)1 40 96 65 79
fanny.sarrazin@inrae.fr

ORCID ID: [0000-0002-9928-9566](https://orcid.org/0000-0002-9928-9566)
Scopus ID: [56647896100](https://scopus.org/56647896100)

Fanny Sarrazin has been a research scientist in hydrology (both “natural” and influenced by human activities) at INRAE since 2024. She obtained a master’s degree in general engineering from École centrale de Lyon and in environmental and land planning engineering from Politecnico di Milano in Italy in 2013, and she received a PhD in hydrology from the University of Bristol in the United Kingdom in 2018. She carried out a five-year post-doctorate at the UFZ in Germany. Her work initially focused on natural quantitative hydrology during her PhD and has then extended to the impact of human activities on both the quantity and quality of water resources. Her research encompasses the development of models and datasets required to run models at a large scale, i.e. national to continental. In particular, it includes the integration of vegetation into a groundwater recharge model for karst areas and the estimation of diffuse and point sources of nitrogen and phosphorus at the European scale. She also has expertise in sensitivity analysis (contribution to the [SAFE](#) package) and has organised various training courses on this subject. Her current work within the HYCAR research unit at INRAE examines the impact of anthropogenic pressures, in particular irrigation and reservoirs, on river flow in France to support climate adaptation.