



NÚRIA BONADA

1975, SPAIN

Community ecologist focused on aquatic macroinvertebrate biodiversity of Mediterranean rivers. Her research considers multiple scales (from macroecology to the population level), combining fundamental and applied aspects.

She is very active in stakeholder engagement and science communication, making her research useful to water managers and the general public (e.g. the [RiuNet mobile app](#)).

Currently, she is a Serra Hunter Associate Professor at the University of Barcelona (Spain).

HERSTORY

Núria was passionate about river life since she was a child. She started to fly fishing when she was 6 years old and tied her own flies. Ever since, she knew that she would devote her life to study rivers. Since 2018 she is the president of the Iberian Limnological Society.

MEDITERRANEAN STREAMS

Mediterranean streams are biodiversity hotspots in which seasonal disturbances in the form of droughts and floods govern community dynamics.

Núria has used these streams as laboratory to improve our current knowledge on different aspects of fundamental ecology such as:

- Evolution and adaptation
- Resistance and resilience to disturbance
- Metapopulation and metacommunity dynamics.



Núria Bonada et al. (2020). Water.

RELEVANT CONTRIBUTIONS

Datry, T., **Bonada, N.**, Boulton, A. J. (2017). Intermittent rivers and ephemeral streams: Ecology and management. Waltham, MA: Elsevier.

Bonada, N., et al. (2009). Using community and population approaches to understand how contemporary and historical factors have shaped species distribution in river ecosystems. *Global Ecology and Biogeography*, 18, 202-213.

Bonada, N., Rieradevall, M., Prat, N. (2007). Macroinvertebrate community structure and biological traits related to flow permanence in a Mediterranean river network. *Hydrobiologia*, 589, 91-106.

Bonada, N., Prat, N., Resh, V. H., Statzner, B. (2006). Developments in aquatic insect biomonitoring: a comparative analysis of recent approaches. *Annual Review of Entomology*, 51, 495-523.

LOOKING
FOR MORE?

You can find more information about her story and research at:

<https://www.nuriabonada.com/>

<https://scholar.google.com/citations?user=28F711wAAAAJ&hl=en>