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### DESCRIPTION

*Ecohydrology & Hydrobiology* is an international journal that aims to advance **ecohydrology** as the study of the interplay between **ecological** and **hydrological processes** from molecular to river basin scales, and to promote its implementation as an integrative management tool to harmonize societal needs with biosphere potential.

An essential component of ecohydrology is a rigorous understanding of **hydrobiology**, from **ecosystem properties, dynamics** and **functions** to modelling of **abiotic** and **biotic interactions** in relation to their hydrological determinants at the basin scale.

The journal will publish high-quality science aimed at increasing the understanding of **water-biota interplay** and exploring how this knowledge can be used to regulate hydrological and **biogeochemical processes** to enhance the carrying capacity, especially of **anthropogenically modified ecosystems**. Research addressing one or several of the following issues will be of prime interest to the journal if it: Leads to new insights into the **interactions of water, nutrient** and **pollutant cycles** with **biotic components of ecosystems**; Employs this understanding for developing **ecosystem biotechnologies** and **system solutions**; Identifies possibilities to integrate **engineering infrastructure** with **ecohydrological biotechnologies** into system solutions at the **catchment scale**; Translates transdisciplinary knowledge into decision-support tools; Targets **biodiversity**, quality and quantity of **water resources, ecosystem processes** and **functioning** (including environmental flows), **ecosystem services** and/or **ecosystem resilience** as necessary components for enhanced carrying capacity; Is policy-oriented and, within the scope of the journal, addresses the priorities and objectives of **international initiatives** such as the Millennium Development Goals and UNESCO's International Hydrological Programme.

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#### *Reference style*

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Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2010. The art of writing a scientific article. *Journal of the Science of Communication* 163, 51–59.

Reference to a book:

Strunk Jr, W., White, E.B., 2000. *The Elements of Style*, fourth ed. Longman, New York.

Reference to a chapter in an edited book:

Mettam, G.R., Adams, L.B., 2009. How to prepare an electronic version of your article, in: Jones, B.S., Smith, R.Z. (Eds.), *Introduction to the Electronic Age*. E-Publishing Inc., New York, pp. 281–304.

Reference to a dataset: [dataset] Oguro, M., Imahiro, S., Saito, S., Nakashizuka, T., 2015. Mortality data for Japanese oak wilt disease and surrounding forest compositions. Mendeley Data, v1. <http://dx.doi.org/10.17632/xwj98nb39r.1>.

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