

SHORT CURRICULUM VITAE (version August 2023)

Prof. Daniele Penna, PhD

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National Research Council (CNR), Research Institute for Geo-Hydrological Protection (IRPI) of Perugia, Italy
(since 2021)

Courtesy Faculty at Oregon State University, College of Forestry, USA (2023-2027)

Website: www.unifi.it/p-doc2-2016-0-A-2c323c2f3a27-1.html

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Google Scholar: <http://scholar.google.com/citations?user=sFcuBbwAAAAJ&hl=en>

Born in 1975. Married, two children.

Education: M.Sc. in Forest and Environmental Sciences (2009); Ph.D. in Management of Water Resources (2008); B.Sc.+M.Sc. in Natural Sciences (2001).

Teaching (since 2016): Watershed management and soil bioengineering; Hydraulics and Hydrology of Faunal Systems; Information Technology in Irrigation; Forest Hydraulics and Hydrology; Watershed Management; Hydrology and water resources management; How to prepare an appealing poster and give an effective oral presentation (for PhD students)

Student supervision or co-supervision: 11 PhD students; 73 bachelor or master degree students; 18 internships; 2 postdocs

Main research interests

Hillslope and catchment hydrology; Tracer and isotope hydrology; Forest hydrology and ecohydrology.

Research projects coordinated as Principal Investigator or Coordinator of Research Units

6 national projects and 3 international projects

Visiting professorships/scholarships: Oregon State University, College of Forestry, Corvallis, Oregon, USA, (2023 and 2007); Pontificia Universidad Católica de Chile, Departamento de Ecosistemas y Media Ambiente, Santiago, Chile (2018).

Awards: **Top Downloaded Article** in Ecohydrology in 2021 for the paper Penna et al. (2021). **Top cited papers** in Ecohydrology in 2021/22 for the papers Penna et al. (2021) and Fabiani et al. (2022). **Highlight paper** in HESS for the paper by Massari et al. (2022), Hydrology and Earth System Sciences. **Highlight presentation** for the talk *The WATSON COST Action: Water isotopes in the critical zone from groundwater recharge to plant transpiration* given in session HS10.5 Stable isotopes to study water and nutrient dynamics in the soil-plant-atmosphere continuum at the European Geosciences Union, General Assembly 2022, Vienna, Austria, 26 May 2022. Certificate of **Top Downloaded Paper** in Ecohydrology for the paper by Anam et al. (2020). Individual Fund for Basic Research, Italian Ministry of Education (FFABR). **Outstanding contribution in reviewing**, Ecological Indicators (August 2017). **Outstanding contribution in reviewing**, Journal of Hydrology (May 2017). The paper Sprenger et al. (2019), Review of Geophysics, has been awarded the **Highly Cited Paper** status in the Web of Science database since July 2020. The paper Benettin et al. (2018), Hydrology and Earth System Sciences, of which Daniele Penna is co-author, has been awarded the **Highly Cited Paper** status in the Web of Science database from September to November 2019. The paper Penna et al. (2013), Journal of Hydrology, has been awarded the **Highly Cited Paper** status in the Web of Science database from 2014 to 2020, and listed **among the 25 most cited papers** in 2013-2018 in the Journal of Hydrology.

International appointments: International Coordinator of the network *Euro-Mediterranean Network of Experimental and Representative Basins (ERB)* (2022-ongoing). Italian National Representative and member of the Steering Committee of the international network *Euro-Mediterranean Network of Experimental and Representative Basins (ERB)* (2019-ongoing). Member of the Focus Group of the *Catchment Hydrology subdivision*, within the *Hydrological Sciences division*, European Geosciences Union (2016-2019). Poster and presentation judge at the EGU General Assembly, Vienna (2012, 2015, 2022, 2023).

National appointments President of the Evaluation Committee of the *Florisia Melone 2022 Award*, issued by the Italian Hydrological Society (2022). Member of the Steering Committee of the *Italian Hydrological Society* (January 2020-ongoing).

Department appointments (University of Florence): Delegate to the School of Agriculture for teaching timetable organization. Member of the committee for the communication of the department. Member of the PhD board in *Sustainable Management of Agricultural, Food and Forestry Resources*. Member of the Committee for the internationalization of the PhD program in *Sustainable Management of Agricultural, Food and Forestry Resources (2018-2019)*. Erasmus Representative of the Master course in *Environmental and Faunal Sciences*. Member of the committee for the management of the scientific library of the University.

Extra-academic professional appointments: PI of the project for hydrological monitoring and restoration of an artificial wetland in Tuscany, funded by Acqua Panna – Nestlé Waters. Teacher in courses for professionals and practitioners in the forestry sector promoted by the Tuscany Region (2022, 8 hours; 2020 10 hours).

International evaluation committees: Position of AGU Frontiers in Hydrology Vice Chair 2024. 2024 (2023). PhD in *Hydrology*, University of Aberdeen, School of Geosciences, UK (2020). PhD in *Land Ecology*, Universitat Autònoma de Barcelona, Spain (2019). Review Panel for the evaluation of a Research Unit for the DFG (Deutsche Forschungsgemeinschaft - funding organization for academic research in Germany). Eichstatt, Germany (2018).

National evaluation committees for academic positions: 8 assistant professorship positions; 5 postdoc positions; 5 PhD defense committees.

Scientific reviews: Reviewer of international research projects: 18 reviews. Reviewer of one book published by Wiley. Peer reviewer for 40 international journals (in total: 210 reviews).

Editorial services: Associate Editor of *Hydrological Sciences Journal* (18 manuscript handled since April 2020); Associate Editor of *Journal of Hydrology* (177 manuscripts handled since May 2017); Guest Editor of the Special Issue *Latest advances in forest hydrology: from physical and biogeochemical processes to land use change and disturbances* for *Journal of Hydrology* (2019-2021).

Organization of conferences and scientific events: Main organizer of 2 international workshops and 1 international conference. Member of the scientific committee of 3 international conferences. Convener and co-convener of 9 EGU and AGU sessions. Invited chairman at 3 international conferences.

Talks and seminars: 34 invited talks, key-note talks, or seminars; 36 talks in international conferences; 18 talks in national conferences.

Publication metrics (source checked on 1 August 2023): Scopus - number of papers: 68; total citations: 2568; h-index: 27. Web of Science - number of papers: 60; total citations: 2398; h-index: 27.

