
Matteo Pesce



Gender: Male

Date of birth: 21/02/1993

Place of birth: Venice, Italy

Nationality: Italian

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Scholar: <https://scholar.google.com/citations?user=AfI3Ah8AAAAJ&hl=it>

ResearchGate: [Matteo Pesce \(researchgate.net\)](#)

EDUCATION EXPERIENCE

11/2019 – Current

Ph.D. Student in Civil and Environmental Engineering

Department of Environment, Land and Infrastructure Engineering, Politecnico di Torino, Torino (Italy).

Research topic: Characterization of extreme meteo-hydrological events in the Alpine Region, with focus on climate change

Supervisors: Prof. Alberto Viglione, Prof. Jost von Hardenberg

09/2018 – 09/2019

Master of Research in Science and Management of Climate Change

Ca' Foscari University of Venice (Italy)

Final Project: Monitoring of water isotopic composition in Schnals and Martell valleys for the analysis of streamflow components under climate change

Supervisors: Prof. Carlo Barbante, Prof. Francesco Comiti

10/2015 – 04/2018

Master's Degree in Environmental Engineering

University of Padua (Italy)

Thesis: Climate change impact on flow regimes in the Eastern and Central United States

Supervisors: Prof. Gianluca Botter, Prof. Nir Krakauer

02/2018 – 04/2018

24 ECTS for teaching

Credits in anthropological and psychological sciences, didactic methodologies and technologies

10/2012 – 09/2015

Bachelor's Degree in Environmental Engineering

University of Padua (Italy)

Thesis: Sustainability Assessment in food and energy sectors: literature analysis on the methodologies Life Cycling Costing, Social Life Cycle Assessment and Life Cycle Sustainability Assessment

Supervisors: Prof. Antonio Scipioni, Ing. Andrea Fedele

09/2007 – 06/2012

Scientific High School Degree

Scientific High School "Ugo Morin", Mestre (VE), Italy

TEACHING EXPERIENCE

A.Y. 2021/2022

Tutor of the Master's Degree Course "Design for Climate Resilience" (Architectural Technology), Politecnico di Torino.

PUBLICATIONS

ARTICLES

- Pesce M., von Hardenberg, J., Claps, P., Viglione, A. Correlation between climate and flood indices in Northwestern Italy at different temporal scales, *Journal of Hydrology and Hydromechanics*, in press, 2022.

CONFERENCE PROCEEDINGS

- Pesce, M., von Hardenberg, J., Claps, P., Viglione, A. Spatio-temporal correlation of climate indices and river floods in Northwestern Italy, *IDRA2020 - 37° Convegno Nazionale di Idraulica e Costruzioni Idrauliche*, online, 14-16 June 2021. ISBN: 9788894379914 ([Proceeding](#))

CONFERENCE ABSTRACTS

- Viglione, A., Pesce, M., Tarasova, L., Basso, S., Merz, R. Regional Calibration for a Distributed Catchment Model: an Application in North-Western Italy, *AGU Fall Meeting 2021*, New Orleans, LA and Online Everywhere, 13-17 December 2021. ([Oral](#))
- Pesce, M., Viglione, A., Borre, A., Gabellani, S., von Hardenberg, J., and Ganora, D. Identification of meteorological extreme events at the regional scale: the Northwestern Italy case study, *EGU General Assembly 2021*, Online, 19–30 April 2021, EGU21-13376. <https://doi.org/10.5194/egusphere-egu21-13376> ([Abstract](#))
- Pesce, M., von Hardenberg, J., Viglione, A. A Correlation Analysis of Extreme Climate Indices and River Flood Events in Northwestern Italy, *AGU Fall Meeting 2020*, Online, 1-17 December 2020. ([Poster](#))
- Pesce, M., von Hardenberg, J., Viglione, A. Spatio-temporal correlation of extreme climate indices and river flood discharges, *ClimRisk2020: Time for Action! Rising the ambition of climate action in the age of global emergencies*, Online, 21-23 October 2020, pp. 42-42. ISBN: 9788897666165 ([Abstract](#))
- Pesce, M., Tarasova, L., Merz, R., von Hardenberg, J., Viglione, A. Characterization of extreme meteorological events in the Alpine Region: historical picture and future scenarios, *EGU General Assembly 2020*, Online, 4–8 May 2020, EGU2020-498. <https://doi.org/10.5194/egusphere-egu2020-498> ([Abstract](#))

PRIVACY

I authorize the processing of personal information contained in my curriculum vitae based on art. 13 of Legislative Decree 196/2003 and on art. 13 of UE Regulation 2016/679 relative to protection of physical people with respect to the treatment of personal data.