



Elena Matta

✉ Email: elena.matta@cmcc.it

WORK EXPERIENCE

🏢 **Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC) – Milan, Italy**

City: Milan | Country: Italy

TCT Division Manager

[03/06/2025 – Current]

- Operational processes related to opening research projects and their financial, administrative, and reporting management
- Administrative personnel management activities of Division with strategic approach
- Management of the division procurement
- Planning and monitoring of Division scientific activities in line with Division's strategic objectives
- Supporting the Division Director in the implementation of fundraising strategy and definition of scientific proposal plan
- Implementation of Division networking activities and dissemination of scientific activities

🏢 **SoftWater s.r.l. – Milan, Italy**

City: Milan | Country: Italy

Project Manager | Senior researcher

[01/02/2024 – 31/05/2025]

- Engagement in international and multidisciplinary projects funded by the European Commission (currently, [REACT4MED](#) by PRIMA-MED, [iMERMAID](#) by H2020); topics dealing with climate change assessments, integration of big environmental data into web interactive platforms, water and land resources management
- Fund Raising, communication, and dissemination

🏢 **Politecnico di Milano – Milan, Italy**

City: Milan | Country: Italy

Project manager | Senior Researcher

[01/06/2020 – 31/01/2024]

- Project management of international and multidisciplinary projects funded by the European Commission ([AWESOME](#) by PRIMA-MED and [CLINT](#) by H2020); research topics: climate change scenarios analysis and computation of climate extreme indicators; modelling of complex water systems for sustainable water management; Water Energy Food Ecosystems (WEFE) nexus-related challenges and assessments in semi-arid and arid regions

🏢 **Technische Universität Berlin Campus El Gouna – Berlin, Germany**

City: Berlin | Country: Germany

Coordinator of Water Engineering master's programme

[01/11/2018 – 31/05/2020]

- Coordination of the TU Berlin master's degree programme in Water Engineering
- Teaching assistance for the courses in Engineering Hydrology, Hydraulic Engineering, Environmental Hydraulics

🏢 **Technische Universität Berlin – Berlin, Germany**

City: Berlin | Country: Germany

Postdoctoral Research Fellow

[01/11/2017 – 30/10/2018]

 **Technische Universität Berlin** – Berlin, Germany

City: Berlin | Country: Germany

PhD Research Fellow

[20/01/2014 – 30/09/2017]

EDUCATION AND TRAINING

PhD in Civil Engineering

Technische Universität Berlin, Chair of Water Resources and Modelling of Hydrosystems

Address: Gustav-Meyer-Allee 25, 13355 Berlin (Germany)

Master's degree in Civil Engineering, addressed to Hydraulics, Management of Water Resources

Politecnico di Torino [10/2011 – 10/2013]

Bachelor's degree in Civil Engineering

Politecnico di Torino [10/2006 – 09/2011]

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

German

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

PUBLICATIONS

[2022]

[Water and Climate Change: Water Management in Transboundary River Basins Under Climate Change](#)

Matta, E. and Castelletti, A.

[2020]

[Neurocomputing in surface water hydrology and hydraulics: A review of two decades retrospective, current status and future prospects](#)

Zounemat-Kermani, M., Matta, E., Cominola, A., Xia, X., Zhang, Q., Liang, Q., & Hinkelmann

[2018]

[Modeling the impacts of climate extremes and multiple water uses to support water management in the Icó-Mandantes Bay, Northeast Brazil](#)

Matta, E., Koch, H., ..., Gunkel, G., Hinkelmann, R.

[2017]

[Three-Dimensional Modeling of Wind- and Temperature-Induced Flows in the Icó-Mandantes Bay, Itaparica Reservoir, NE Brazil](#)

Matta, E., Selge, F., Gunkel, G. & Hinkelmann, R.

[2016]

[Simulations of nutrient emissions from a net cage aquaculture system in a Brazilian bay](#)

Matta, E., Selge, F., Gunkel, G., Rossiter, K., Jourieh, A. & Hinkelmann, R.