ATMO AI online series – no. 2

Machine Learning: Opportunities, challenges and pitfalls

22 May 2025, 10:00 – 12:00 a.m.

This workshop provides a high-level introduction to Machine Learning (ML) with a focus on applications in environmental sciences. Participants will explore basic ML concepts, workflows, potential applications in their research projects, and challenges. The session will include peer-to-peer learning and discussion of real case scenarios. By the end of the workshop, participants will have a solid understanding of the basics of ML and will be equipped with the knowledge necessary to assess whether ML is an appropriate tool for their data analysis.

Format & Date
The **2h-webinar** will take place online, interactive, on May 22, 2025, 10-12 am.

Language
English

Who can attend
The webinar is open to PhD students, Postdocs, and anyone interested in learning the basic workflow for an ML project. No programming experience required.

Number of participants
max. 50

Trainer
Dr. Carolina Natel de Moura, Global Land Ecosystem Modelling group, KIT/IMK-IFU. For Carolina's profile see https://lemg.imk-ifu.kit.edu/staff/carolina-natel-de-moura-deputy-group-leader.

Registration
Please register **at https://indico.scc.kit.edu/event/4920 by 18 April** at the latest.

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