



TEAMx programme and applications webinar (originally scheduled as a splinter meeting at EGU 2020)

Wednesday 06 May 09:00-13:00 CEST

Purpose: To introduce TEAMx to the wider community and establish links between TEAMx research in mountain meteorology and related disciplines

Each speaker should present on the issues related to mountain meteorology in their field. In particular, what knowledge or capabilities are currently lacking and what would be needed from TEAMx? For example, which atmospheric processes (investigated in TEAMx) are crucial? Which variables need to be measured or simulated, and at what accuracy or spatiotemporal resolution? Which processes are particularly poorly understood and how are these hindering predictive capabilities?

Time	Speaker	Title
Session 1 (09:00-10:45)		
09:00	Mathias Rotach <i>University of Innsbruck</i>	TEAMx and its relation to applications in Earth system modelling
09:25	Massimiliano Zappa <i>Swiss Federal Research Institute WSL</i>	Mountain hydrology
09:45	Helen Ward <i>University of Innsbruck</i>	Current challenges and future research priorities for urban areas in complex terrain
10:05	Dietmar Öttl <i>Government of Styria</i>	Air pollution modelling in highly complex terrain: The GRAMM/GRAL modelling system
10:25	Jürg Schweizer <i>WSL Institute for Snow and Avalanche Research SLF</i>	Improving avalanche forecasting: requirements and challenges
10:45	Break	
Session 2 (11:00-13:00)		
11:00	Thomas Gerz <i>DLR</i>	Wind energy in complex terrain: The Perdigão-2017 Campaign in Portugal
11:20	Stephanie Fiedler <i>University of Cologne</i>	On the role of complex terrain for aerosol burden
11:40	Herbert Pümpel <i>AustroControl</i>	Aviation Meteorology: New challenges in advising an industry in transformation
12:00	Benedikt Bica <i>ZAMG</i>	Recent experiences in event forecasting and connections to TEAMx from ZAMG perspective
12:20	Georg Wohlfahrt <i>University of Innsbruck</i>	What TEAMx can do for mountain ecology
12:40	Discussion	