



Newsletter #8, 02 May 2022

It's been a while since the last TEAMx newsletter but a lot has been happening behind the scenes.

1. **Preproposals for the major infrastructure deployments** have been (or will soon be) submitted by the TEAMx-US and TEAMx-UK groups. The TEAMx-US AMF request focuses on the Monte Baldo site at the southern end of the Adige Valley, the NSF proposal will also likely include this supersite but may also incorporate other locations, while TEAMx-UK will concentrate on the Alpine Crest region between the Adige Valley and Inn Valley. Numerous other project plans are also underway...
2. **The TEAMx Experimental Plan continues to develop.** In response to the variety of research questions and scales that will be addressed, two additional Target Areas have been added: the Alpine Crest Target Area and the Southern Pre-Alpine Target Area. Accordingly, the Bavarian Pre-Alpine Target Area has again(!) be renamed to the Northern Pre-Alpine Target Area. The approximate locations of the current Target Areas are shown [here](#), and together these now form a north-south transect across the Alpine region including the pre-Alpine regions on either side. Further details can be found in the updated draft of the **Plan for the TEAMx Observational Campaign (TOC)**, which can now be [accessed via the website](#) (password protected; same login details as for the Second TEAMx workshop), along with several other resources to help coordination of the TOC including an interactive map of existing observation sites.
3. If you have any contributions or updates to this revised Plan for the TOC please **share these with the relevant [Working Group](#) leaders before 30th June.**
4. **Several Task Teams are emerging to tackle specific topics within TEAMx.** These include working on a joint data management plan; coordinating the TEAMx aircraft fleet; and coordinating observations and permissions for Unmanned Aerial Systems (UASs). If you are planning to use UASs (e.g. drones, tethersondes) during the TOC and would like to learn more about this topic, please contact Norman Wildmann ([Norman.Wildmann@dlr.de](mailto:Norman.Wildmann@dlr.de)).
5. Many groups are busy preparing for the **TEAMx preliminary campaign** that will take place this summer in the Inn Valley Target Area. Uni Innsbruck, KIT, DWD, ZAMG and DLR will test instrumentation and conduct initial process studies at the i-Box supersite and valley exit in southern Germany. Measurements will start later this month.
6. We are very pleased to announce a second ERC project within TEAMx. **Norman Wildmann (DLR) was successfully awarded an ERC Starting Grant for his project [ESTABLIS-UAS](#)** which will use a swarm of drones to study spatial variability and coherent structures in the near-surface boundary layer. This exciting project began in April 2022 and will include measurements as part of the TOC. Congratulations Norman!

7. A **BAMS essay** has just been published outlining the motivation for TEAMx to the wider weather and climate community (<https://doi.org/10.1175/BAMS-D-21-0232.1>). TEAMx also featured in (and on the cover of) the November 2021 issue of the **GEWEX newsletter**, [GEWEX Quarterly](#).
8. The TEAMx Memorandum of Understanding has recently been signed by the **Mountain Research Initiative (MRI)**. There are now 30 research institutions and weather services affiliated with TEAMx.
9. As many of the travel restrictions from the last two years are beginning to ease, we hope to see many of you at conferences and events over the coming months.
  - There will be a special TEAMx session at the [EMS Annual Meeting 2022](#) on '[Multi-scale transport and exchange processes in the atmosphere over mountains](#)' from 4-9 September 2022, in Bonn (Germany).
  - Shortly afterwards, the [International Mountain Conference \(IMC\)](#) will take place in Innsbruck (Austria) from 11-15 September 2022, including a Focus Session on '[High-resolution modeling of atmospheric processes over mountainous terrain](#)'.  
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  - Following the IMC, there will be a [workshop on Elevation Dependent Climate Change](#) organised by the MRI from 15-17 September 2022, also in Innsbruck.
10. Finally, TEAMx is looking for a **new Programme Coordinator**. A formal job advert will be announced in the next few weeks but if you are interested or know someone who would be interested to take on this role please contact me ([helen.ward@uibk.ac.at](mailto:helen.ward@uibk.ac.at)) or [mathias.rotach@uibk.ac.at](mailto:mathias.rotach@uibk.ac.at). This position would ideally suit a (mountain) meteorology/climatology postdoc who perhaps wants to split their time between projects (the Programme Coordination role is around 50%) or may be looking for a position between projects. There may be the option to link this Project Coordination role with other related postdoc positions at the University of Innsbruck which are soon to be announced.