

The Microwaves and Radar Institute and the German Remote Sensing Data Center are organizing the TerraSAR-X / TanDEM-X Science Team meeting, to be hosted at the German Aerospace Center, Oberpfaffenhofen, Germany, from 18 to 20 October, 2023.

German Aerospace Center - DLR
 Microwaves and Radar Institute
 Münchener Straße 20
 82234 Weßling/Oberpfaffenhofen
 Germany



Announcements and Call for Abstracts

Abstract submission and registration opening	April 3, 2023
Abstract submission deadline	June 03, 2023
Notification of acceptance	July 07, 2023
Issue of preliminary program	September 15, 2023
Registration deadline	September 22, 2023
Issue of final program	at the workshop
Workshop dates	October 18-20, 2023

REGISTRATION AND ABSTRACT SUBMISSION

Further information and guidelines regarding the registration and abstract submission can be found on the workshop website at

<https://tandemx-science.dlr.de/>

CONTACT POINTS & LOGISTICS

Workshop organizing committee:

Irena Hajsek (DLR-HR);
 Email: tandemx-science@dlr.de

Achim Roth (DLR-DFD);
 Email: tsx.science@dlr.de

Workshop Logistics:

Overall logistics (e.g., venue, recommended hotels) will be included on the workshop website by June 2023.

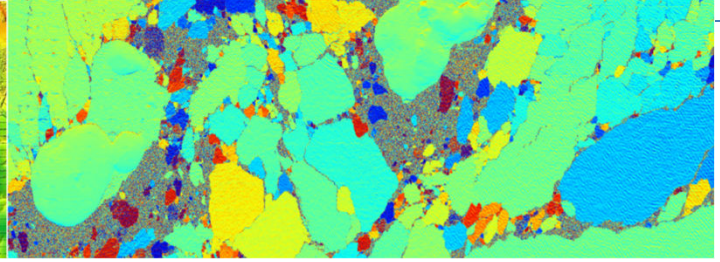
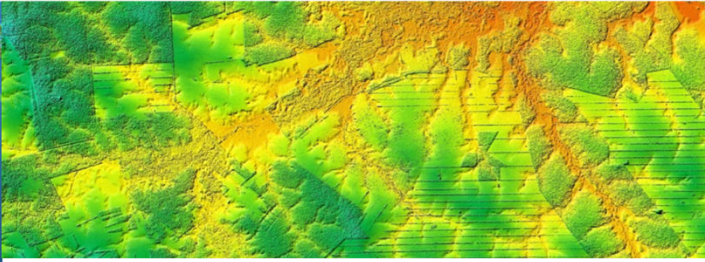
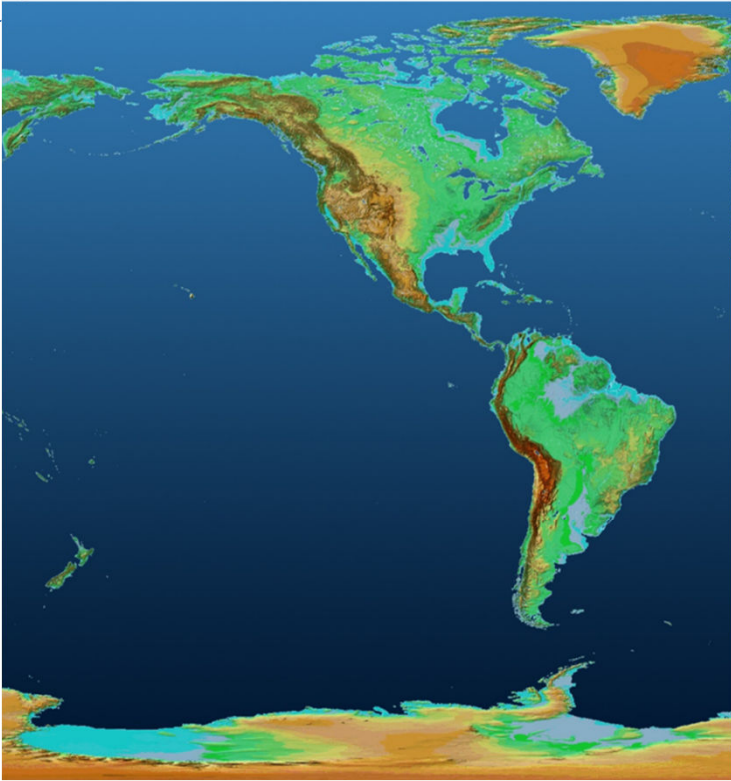
Website:

<https://tandemx-science.dlr.de/>



TerraSAR-X / TanDEM-X Science Team Meeting

DLR Oberpfaffenhofen, Germany
 October 18 - 20, 2023



BACKGROUND

Stimulated by the launch of the TerraSAR-X satellite in 2007 and its twin TanDEM-X in 2010 a series of TerraSAR-X / TanDEM-X Science Team meetings were initiated to present the latest status of the missions, to promote scientific exchange and present the latest results obtained using the provided data.

TerraSAR-X has been providing high quality and high resolution SAR data for 16 years and TanDEM-X has been delivering the global and consistent digital elevation model (DEM) for 7 years with unprecedented accuracy. Currently we are working on an update of the global DEM, the TanDEM-X DEM 2020 and are generating a DEM Change Maps showing the topographic changes between first and second global acquisitions.

Beyond the SAR image and DEM provision the missions are supporting applications based on innovative imaging techniques (differential and along-track interferometry, digital beamforming, tomography and polarimetric SAR interferometry, etc.).

For the TerraSAR-X / TanDEM-X Science Team meeting in October 2023 we expect many excellent submissions and are looking forward to three days of intensive scientific exchange at DLR.

PROGRAM

The Organizing Committee of the TerraSAR-X / TanDEM-X Science Team meeting invites you to join us in Oberpfaffenhofen (Germany) on October 18-20, 2023 to present your latest results from the data acquired by the two radar missions and to promote the scientific exchange.

The workshop will start with a common session for both missions on Wednesday morning (Oct 18), which will provide general information about the status of both missions. Thematic sessions for both missions will be held from Wednesday morning until Friday lunch time (Oct 20).

The program follows a similar setup as earlier editions of the workshop. As such, contributions will be invited covering the following main themes.

Workshop Themes:

- Agricultural Applications
- Forest Applications
- Ocean Applications
- Coastal Applications
- Land Cover Applications
- Georisk and Geotectonic Applications
- Permafrost Applications
- Ice and Snow Applications
- Hydrological Applications
- Urban Applications
- DEM and Methods

A peer reviewed publication of the presented results following the workshop is foreseen in the Special Issue of Remote Sensing Journal.

The journal has currently an IF 5.349 (2023) and the 3-year cite score 7.4 (2021).

PARTICIPATION



The workshop is open to scientists, students, representatives from national, European and international space agencies and value adding industries.

ORGANIZATION



The workshop is organized around oral presentations selected by the scientific committee, invited overview presentations and a poster presentation.

LANGUAGES AND FEES



The official language of the workshop is English. No participation fees will be charged. Participants are expected to finance their own travel & accommodation expenses.

LOCATION

