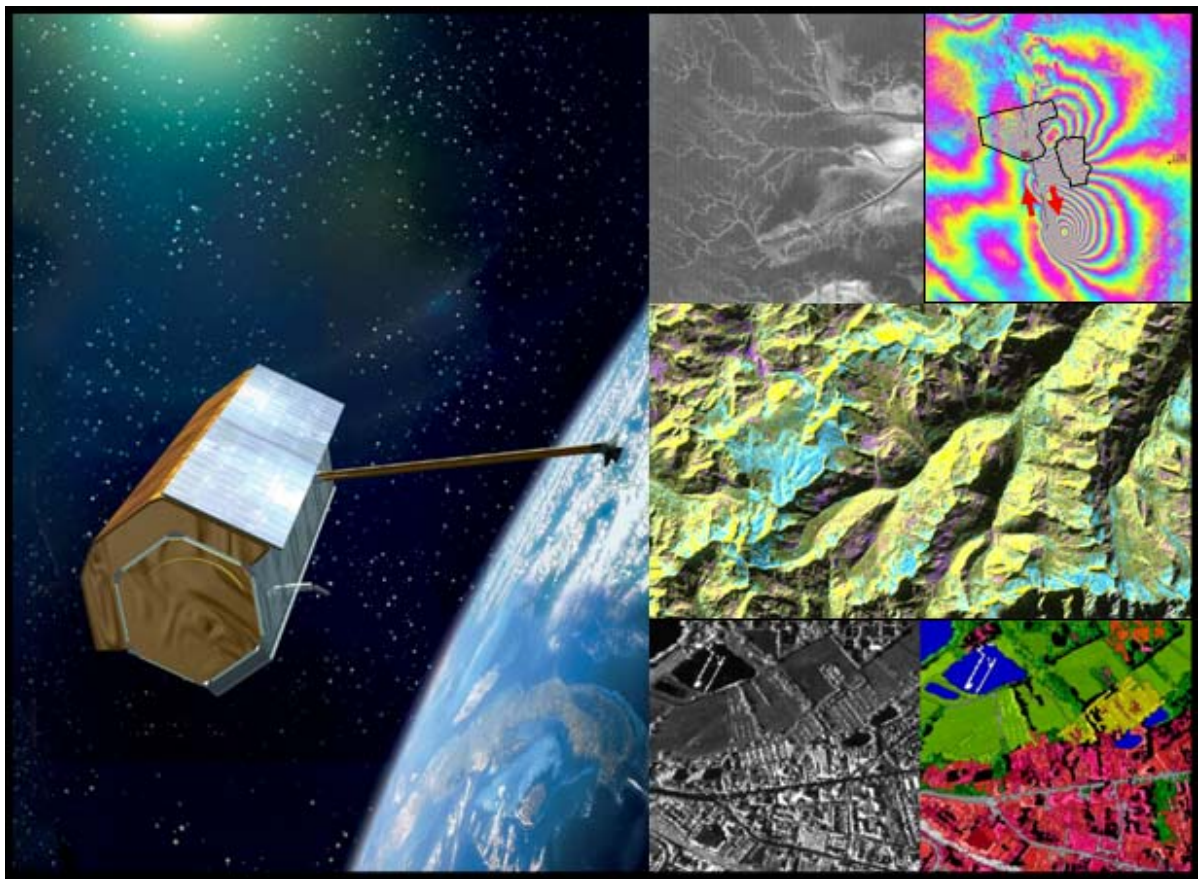
TerraSAR-X

Science Service System

How to submit a TSX proposal



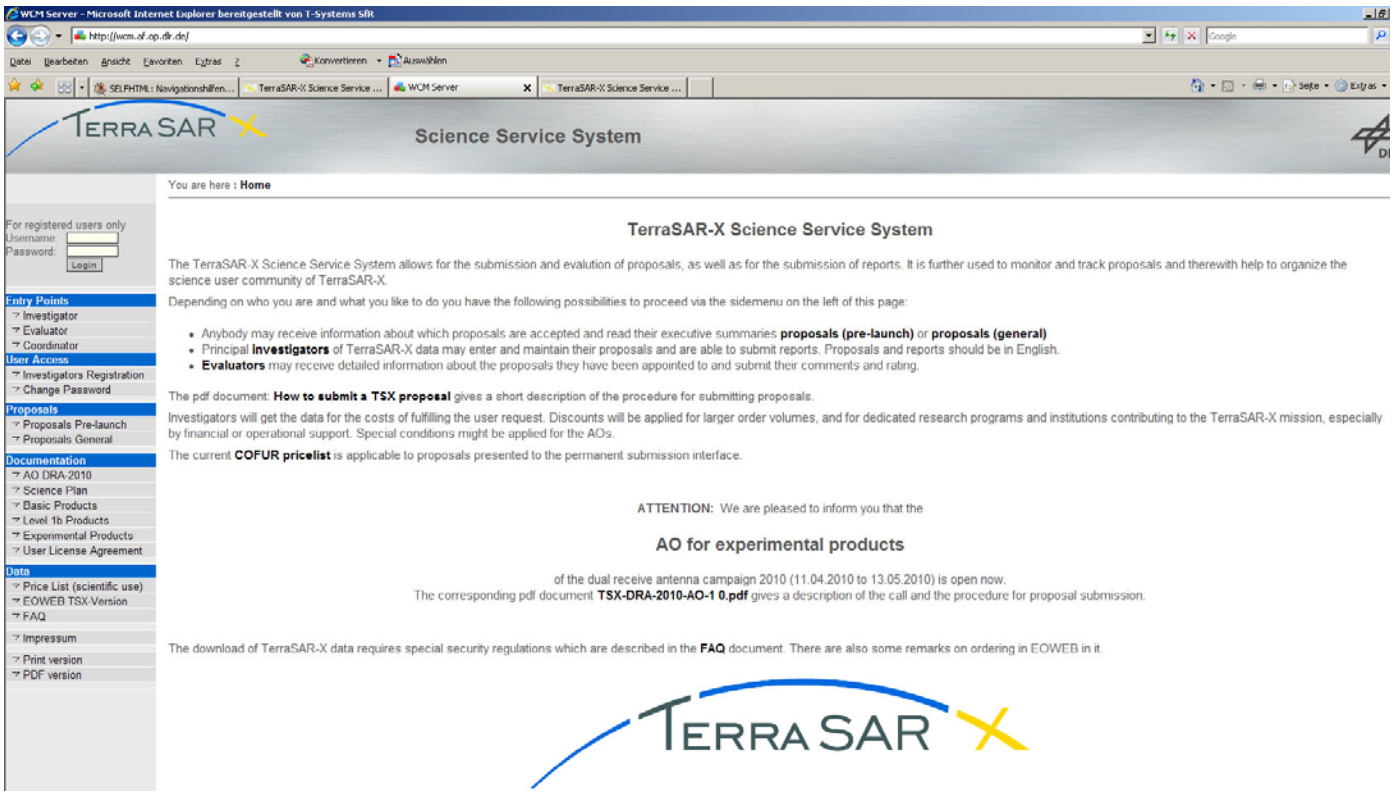
01 June 2010

1. Introduction

The TerraSAR-X Science Service System is designed for the submission and evaluation of proposals beyond the TerraSAR-X project. The system allows three applications:

- For the scientific community: An overview of all accepted proposals.
- For principle investigators: The submission and tracking of a proposal.
- For evaluators: The evaluation of a proposal.

The official interface to the TerraSAR-X Science Service System is:
http://sss.terrasar-x.dlr.de/



The website is divided into five parts:

- Entry Point: Links to the main page for different user types
- User Access: Registration to the science service system
- Proposals: List of approved proposals.
- Documentation: Science plan, product documentations, user license
- Data: Price list and data access. data access

If you have any problems to submit or evaluate a proposal, please contact the TerraSAR-X science coordinator (email: tsx.science@dlr.de).

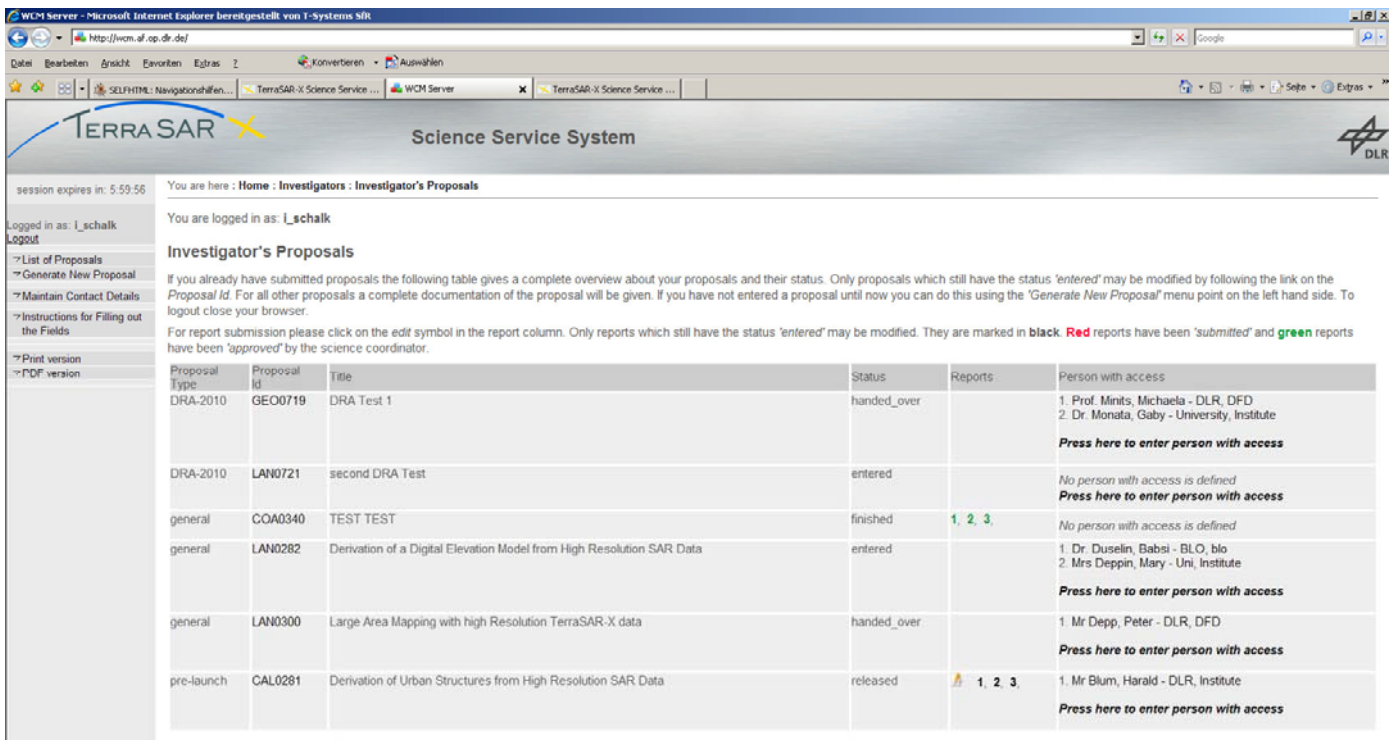
2. Investigators

2.1. Registration

Every person who wants to submit a proposal must ***register*** first. After filling out the registration form the PI will receive an e-mail, which is used to confirm his e-mail address. After **verification** of the e-mail address the PI may ***login*** with his new credentials. After login the PI should change to the ***investigator*** page where he will be requested to enter his contact details as well as the contact details of his authority first.

The contact details of the PI and his authority can be maintained at any time with the corresponding link on the left menu bar. Please note that the email address can not be changed by the PI. In case of a new e-mail address please contact the science coordinator.

Investigators who have already registered must ***login*** on top of the left menue bar first before changing to the entry point.



2.2. Proposal submission

After having logged in the PI is able to submit a proposal by pressing the button ***'Generate New Proposal'***.'
In the following forms the PI is asked to give information to different aspects of his proposal:

- Cover Page with general information about the proposal.
- Team composition, innovation and contribution to mission objectives.
- Executive summary and schedule.
- Detailed description of the project, specific requirements and confidentiality.
- Data requirements

For detailed information see the description above the forms in the science service system.

If the PI applies for data of the **experimental products AO (DRA-2010)**, only the cover page and the team composition must be filled. The other aspects of the proposal are fixed.

On the last page the PI gets a review of all fields to check for consistency. To finally submit the proposal the PI must press the ***'submit'*** button on the review page. This step releases the proposal for the evaluation process and is the formal submission activity.

After a proposal has been initiated an ID is assigned to it and its status is set to ***'entered'***. The proposal can be edited at any time by selecting the link at the proposal ID, until the *'submit'* button is pressed.

2.3. Special issues on Team composition

The team composition comprises 2 lists:

1. List of Co-Is
2. List of additional Authorized People

Besides the PI every further participating institute must be represented by one person. These are the Co-Investigators (Co-I). Every Co-I is allowed to have access to the TSX data.
All other people who shall have access to the data (e.g. further colleagues, students) must be listed in the "List of additional Authorized People"

ATTENTION:
Every PI is obliged to keep the list of persons having access to the TSX data actual. The list can be edited at any time via the last column of the investigators proposal list.
For adding or deleting Co-Is from the proposal please contact the science coordinator.

2.4. Proposal tracking

Every PI can review and track all his proposals at any time. After login he will see a list of all proposal he has entered or submitted. The status gives information on the state of the evaluation process and the proposal status:

entered: The proposal is still in the definition process
submitted: The proposal has been submitted by the PI.
handed over: The proposal has been handed over to the evaluators.
approved: The proposal is approved and accepted by the science coordinator.
released: An EOWEB account has been initiated and the proposal has been released.
completed: The proposal has been completed and the final report has been submitted.
finished: The final report has been evaluated and the proposal is finished.

further status:
rejected: The proposal has been rejected by the evaluators.
with_drawn: The proposal is not applicable for TerraSAR-X.

All approved proposals are displayed in the list at the general proposal page with title, investigator, team members and executive summary. Therefore they are visible for everybody, except for those proposals where the confidentiality has been set to 'Y'.

The link on the ID of submitted proposals leads to the proposal documentation.

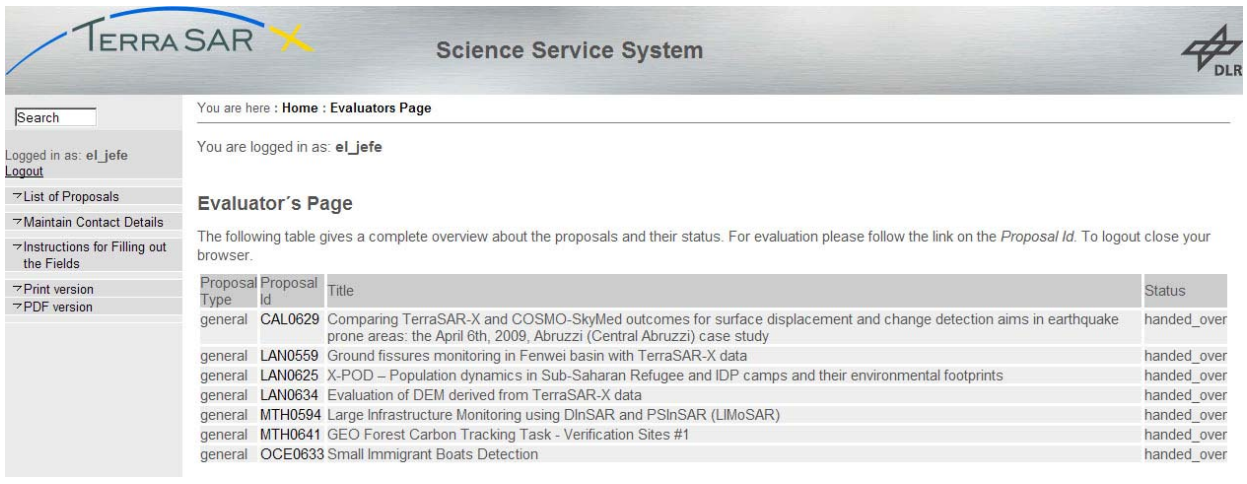
3. Evaluators

All submitted proposals will pass a fair evaluation process. The selected evaluators are DLR internal and external experts who will review the proposal for scientific benefit, contribution to the mission objectives and feasibility.

3.1. Registration

Every evaluator must ***register*** first. After filling out the registration form the evaluator will receive an e-mail, which is used to confirm his e-mail address. After verification of the e-mail address the evaluator may ***login*** with his new credentials. After login the evaluator should change to the ***evaluator*** page where he will be requested to enter his contact details first.

The contact details of the evaluator can be maintained at any time with the link on the left menu bar. Please note that the email address can not be changed by the PI. In case of a new e-mail address please contact the science coordinator.

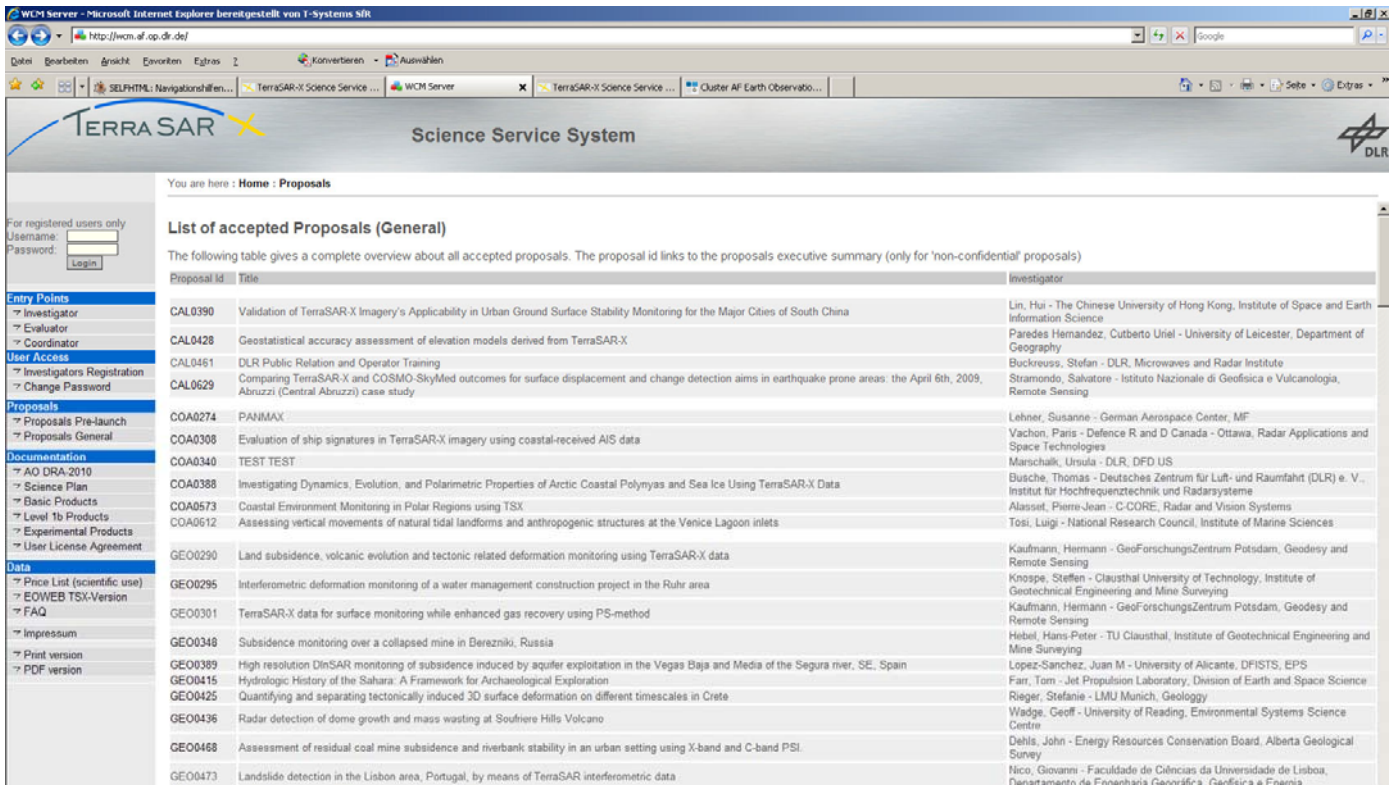


3.2. Evaluation

After submission the science coordinator delegates the proposal to one or more evaluators and changes the status to ***'handed_over'***. Each evaluator has to add his comments to the different aspects of the proposal by following the link on the Proposal ID. At the end a rating is required whether the proposal is accepted, accepted with modifications or rejected.
The evaluator can modify his comments at any time as long as the status of the proposal is *'handed_over'*.

4. Proposal overview

On the left menu bar of the entry page the links under '***Proposals'*** provide a list of all approved proposals. The title of each proposal links to the executive summary.



Proposal Id	Title	Investigator
CAL0390	Validation of TerraSAR-X Imagery's Applicability in Urban Ground Surface Stability Monitoring for the Major Cities of South China	Lin, Hui - The Chinese University of Hong Kong, Institute of Space and Earth Information Science
CAL0428	Geostatistical accuracy assessment of elevation models derived from TerraSAR-X	Paredes Hernandez, Cutberto Uriel - University of Leicester, Department of Geography
CAL0461	DLR Public Relation and Operator Training	Buckreuss, Stefan - DLR, Microwaves and Radar Institute
CAL0629	Comparing TerraSAR-X and COSMO-SkyMed outcomes for surface displacement and change detection aims in earthquake prone areas: the April 6th, 2009, Abruzzi (Central Abruzzi) case study	Stramondo, Salvatore - Istituto Nazionale di Geofisica e Vulcanologia, Remote Sensing
COA0274	PANMAX	Lehner, Susanne - German Aerospace Center, MF
COA0308	Evaluation of ship signatures in TerraSAR-X imagery using coastal-received AIS data	Vachon, Paris - Defence R and D Canada - Ottawa, Radar Applications and Space Technologies
COA0340	TEST TEST	Marschalk, Ursula - DLR, DFD.US
COA0388	Investigating Dynamics, Evolution, and Polarimetric Properties of Arctic Coastal Polynyas and Sea Ice Using TerraSAR-X Data	Busche, Thomas - Deutsches Zentrum für Luft- und Raumfahrt (DLR) e. V., Institut für Hochfrequenztechnik und Radarsysteme
COA0573	Coastal Environment Monitoring in Polar Regions using TSX	Alasset, Pierre-Jean - C-CORE, Radar and Vision Systems
COA0612	Assessing vertical movements of natural tidal landforms and anthropogenic structures at the Venice Lagoon inlets	Tosi, Luigi - National Research Council, Institute of Marine Sciences
GEO0290	Land subsidence, volcanic evolution and tectonic related deformation monitoring using TerraSAR-X data	Kaufmann, Hermann - GeoForschungsZentrum Potsdam, Geodesy and Remote Sensing
GEO0295	Interferometric deformation monitoring of a water management construction project in the Ruhr area	Knospe, Steffen - Clausthal University of Technology, Institute of Geotechnical Engineering and Mine Surveying
GEO0301	TerraSAR-X data for surface monitoring while enhanced gas recovery using PS-method	Kaufmann, Hermann - GeoForschungsZentrum Potsdam, Geodesy and Remote Sensing
GEO0348	Subsidence monitoring over a collapsed mine in Berezniki, Russia	Hebel, Hans-Peter - TU Clausthal, Institute of Geotechnical Engineering and Mine Surveying
GEO0389	High resolution DInSAR monitoring of subsidence induced by aquifer exploitation in the Vegas Baja and Media of the Segura river, SE, Spain	Lopez-Sanchez, Juan M - University of Alicante, DFISTS, EPS
GEO0415	Hydrologic History of the Sahara: A Framework for Archaeological Exploration	Farr, Tom - Jet Propulsion Laboratory, Division of Earth and Space Science
GEO0425	Quantifying and separating tectonically induced 3D surface deformation on different timescales in Crete	Rieger, Stefanie - LMU Munich, Geology
GEO0436	Radar detection of dome growth and mass wasting at Soufriere Hills Volcano	Wadge, Geoff - University of Reading, Environmental Systems Science Centre
GEO0468	Assessment of residual coal mine subsidence and riverbank stability in an urban setting using X-band and C-band PSI.	Dehls, John - Energy Resources Conservation Board, Alberta Geological Survey
GEO0473	Landslide detection in the Lisbon area, Portugal, by means of TerraSAR interferometric data	Nico, Giovanni - Faculdade de Ciências da Universidade de Lisboa, Departamento de Engenharia Geográfica, Geofísica e Energia