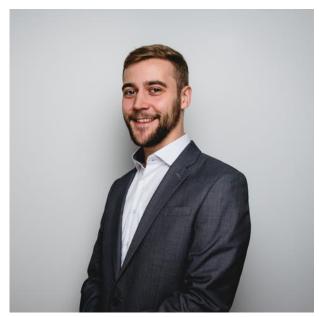
TU WIEN



Maximilian Moser



Florian Wörister

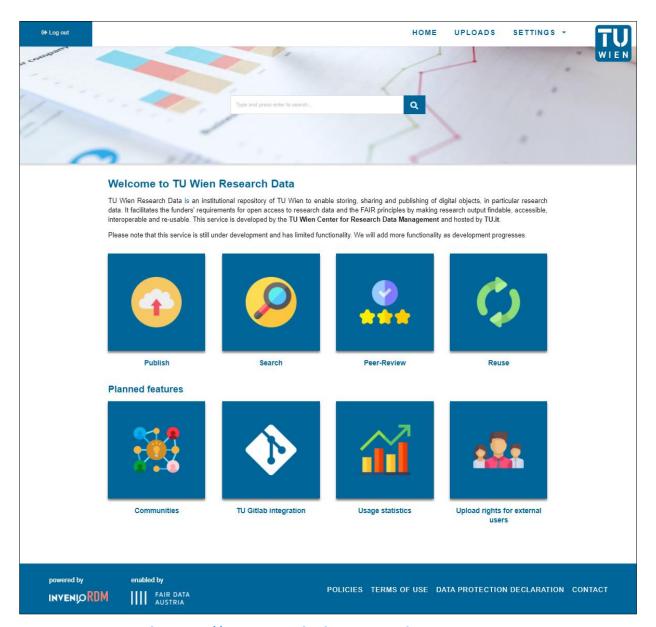


Tomasz Miksa



Barbara Sanchez



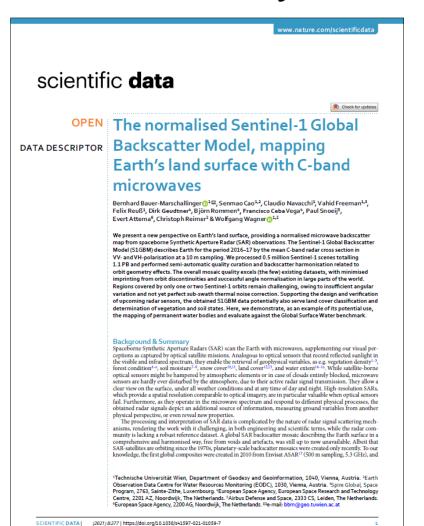


- Make digital objects FAIR
- · Suitable for research data
- Not for publications
 - Other system exists
- In use since 12.2020



Success story





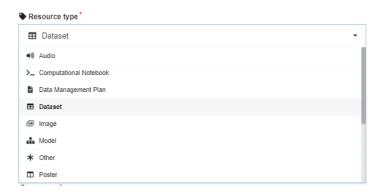
UPLOADS SETTINGS € Log out HOME August 23, 2021 | Version 1.0 Dataset Copen The Sentinel-1 Global Backscatter Model (S1GBM) -Aug 23, 2021 Mapping Earth's Land Surface with C-Band Microwaves Bauer-Marschallinger, Bernhard 1; Cao, Senmao 1,2; S Navacchi, Claudio 1; Freeman, Vahid 1 3; Reuß, Felix 1; Geudtner, Dirk 4; Rommen, Björn 4; Vega, Francisco Ceba 4; Snoeii, Paul 5; Attema, Evert 8; Reimer, Christoph 2; Wagner, Wolfgang 1,2 Show affiliations Digital Object Identifier DOI: 10.48438/n2d1v-gqb91 This dataset was generated by the Remote Sensing Group of the TU Wien Department of Geodesy and Geoinformation (https://mrs.geo.tuwien.ac.at/), within a dedicated project by the European Space Agency (ESA). Rights are reserved with ESA. Open use is granted under the CC BY 4.0 lid HOME UPLOADS SETTINGS . TU With this dataset pub normalised microway Licenses observations. The Se Creative Commons Attribution 4.0 International The Creative Commons Attribution license allows re-distribution and re-use of a licensed work on the 2016-17 by the mean condition that the creator is appropriately credited. Read more giving a high-quality At TU Wien, we proce automatic quality cur overall mosaic quality discontinuities and s The Sentinel-1 Global Backscatter Model (S1GBM designand verificatio land cover classificati We invite developers integrate S1GBM pa vegetation structure. Please be referred to methods, and an inthe S1GBM's potentia against the Global Su Dataset Recor Files (2.8 TB The VV and VH mos divided into six contin which are further divid consists of 16071 tile volume of 2.67 TB. The tiles' file-format metadata on encodin systems as QGIS or S1GBM_VH_mean_mosaic In this repository, we Preview
Download continent. With this, Web-Based Da S1GBM VH mean mosaid In addition to this dat Earth Observation Da zoom exploration of t S1GBM, providing an S1GBM_VH_mean_mosaic Preview
Download

https://doi.org/10.1038/s41597-021-01059-7



Rolling it out

- Self-upload for friendly users only
 - Helps us identify potential problems
 - Phrasing used in the user interface
 - e.g. what resource types we accept for upload and which can be referenced?
 - Fine tuning for performance
 - e.g. how long does it take to download 400 GB?
 - Legal issues to be clarified
 - e.g. which of the existing data can be moved into our repository?
 - Monitoring
 - e.g. is the system up? Which data is downloaded and how often?

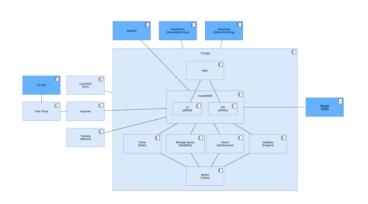


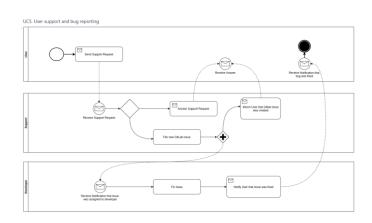




Rolling it out

- Improve and develop internal workflows
 - Who is responsible for what?
 - Helpdesk
 - Maintenance
- Extensive documentation of the system
 - Internal use
 - Core Trust Seal preparation





TU Data Documentation

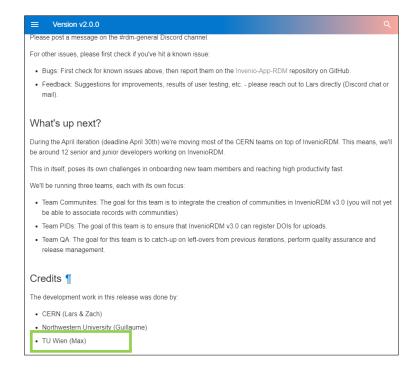
- 0. The Big Picture
- 1. Goals and requirements
- 2. Use Case View
- 3. Component View
- 4. Deployment View
- 5. Infrastructure
- 6. Links and other documents
- 7. Gantt chart



Being part of the InvenioRDM is strategically important

- "It's open source! Who can support it?"
- "It is based on giving and receiving as well as having and sharing..."







Next steps

- New features
 - Communities
 - ...
- Open to all TU Wien researchers for self upload
 - Infrastructure and budgetary discussions finished
 - Policy of the repository in place
 - To make the mission statement explicit
- Integrations
 - ACONet
 - DAMAP tool for machine-actionable DMPs

