

A person with dark skin is sitting at a light-colored wooden table, typing on a silver laptop. The person is wearing a light brown, long-sleeved top. The background is blurred, showing other tables and chairs in a bright, indoor setting.

**SURF**

# Data Findability and Repositories

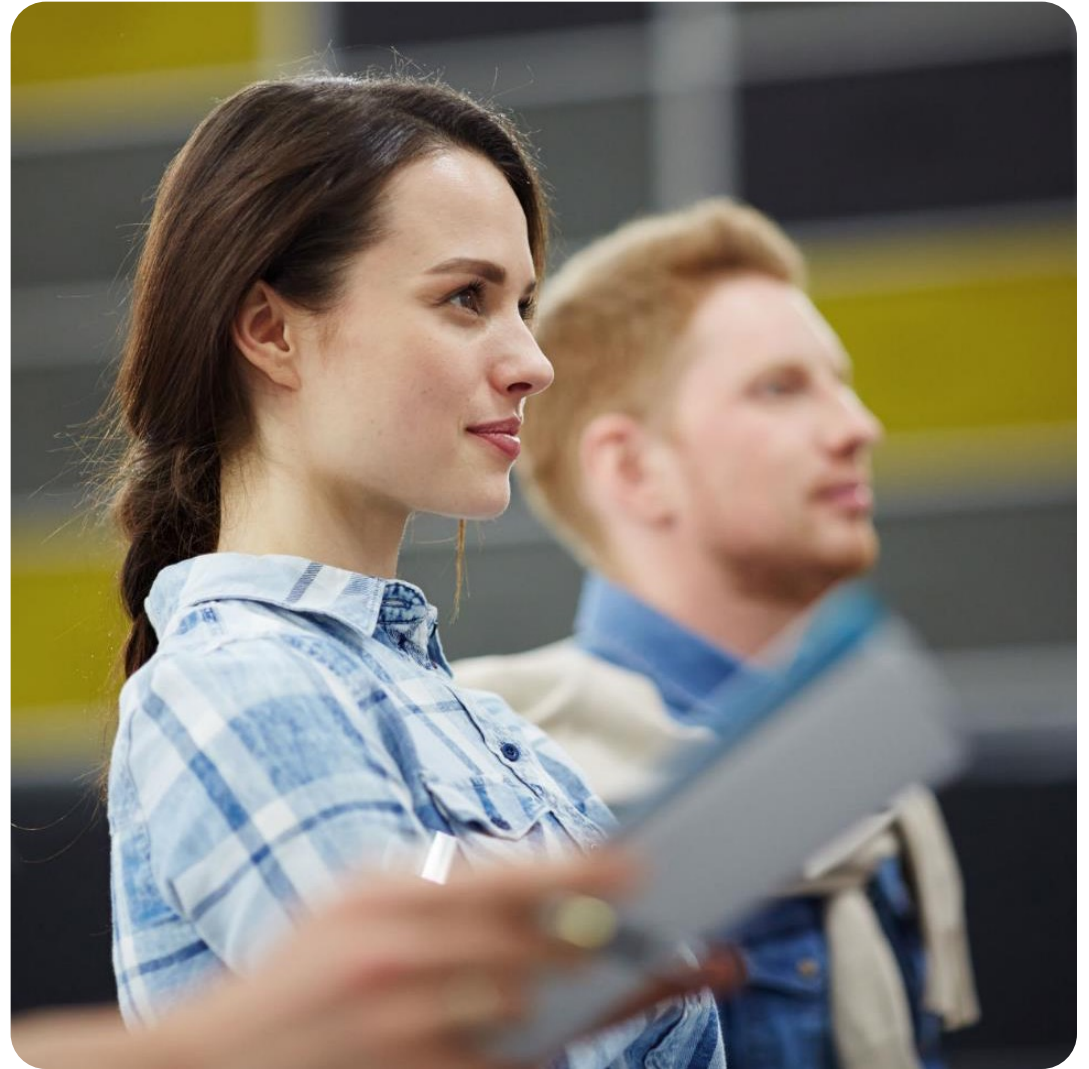
Steven Voges

## | The Story

**Our researcher is trying to prove that there is life outside of our solar system.**

**Unfortunately, their big research aspirations lack funding so they will need to use data already available to find their evidence.**

**SURF**



## | What do we have



A Researcher



An Idea

## | What do we want



To find data



To store it and share it

## | An RDM Plan Begins

Where are you going to find the data?

How are you going to search for it?

Where are you going to store it?

Who will have access to the data?

## | Considerations

How will you insure the integrity of the data?(and metadata)

Are the researchers allowed to reuse the data in the way they are intending to?




Where to find data?

**SURF** REPOSITORY



 **DRYAD**



  
**Data  
verseNL**

 **HARVARD**  
Dataverse

Data Archiving and Networked

**DANCS**

**SURF**

**sharekit**

**zenodo**

 **4TU**.ResearchData  
SCIENCE • ENGINEERING • DESIGN

**SURF**

● Research Software Directory



# Finding Data - Putting the F in Fair

aliens [Search](#)

[About DataverseNL](#) [Browse Dataverses](#)

Scandals and deaths of politicians.xlsx



Feb 7, 2024 - Scandals and deaths of members of Congress 2000-2019

MS Excel Spreadsheet - 134.0 KB - SHA1: 3c6...879 



## Search

Enter one or more keywords to search this repository. More advanced options are available in the menu below. To search only in a specific field, add the field name before the search term followed by a colon, e.g. 'title:biology' or 'publisher:SURF'.

astronomoy

Q Search Advanced <

Showing results 0 to 0 of total 0 results for **astronomoy**

SURF



## Search

Enter one or more keywords to search this repository. More advanced options are available in the menu below. To search only in a specific field, add the field name before the search term followed by a colon, e.g. 'title:biolog

space

Showing results 0 to 0 of total 0 results for **space**

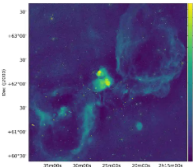
## Search

Enter one or more keywords to search this repository. More advanced options are available in the menu below. To search only in a specific field, add the field name before the search term followed by a colon, e.g. 'title:biology' or 'publisher:SURF'.

sky

Q Search Advanced <

Showing results 1 to 25 of total 842 results for **sky**

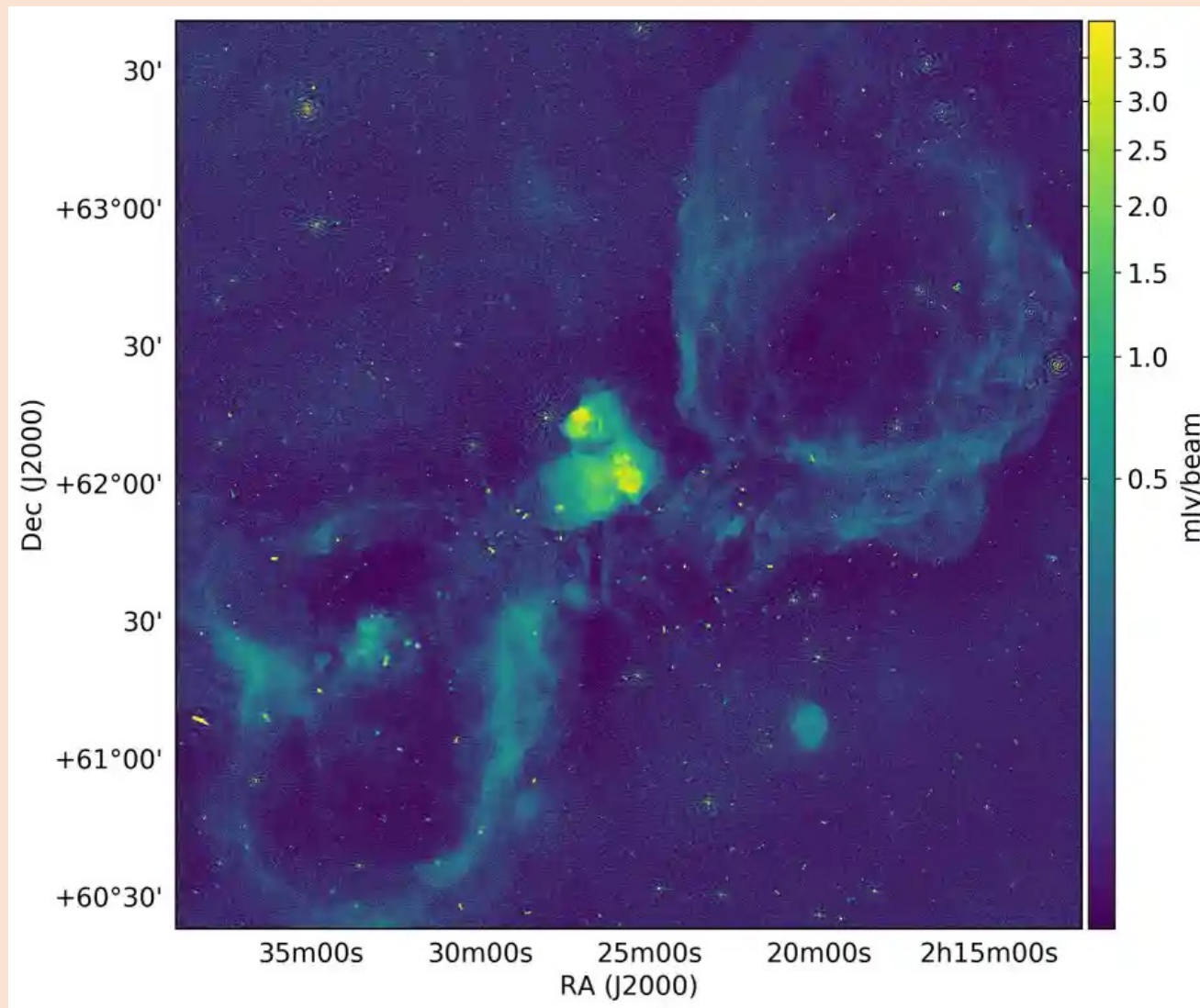


### The LOFAR Two-metre Sky Survey (LoTSS) V. Second data release

In this data release from the ongoing LOw-Frequency ARray (LOFAR) Two-metre Sky Survey (LoTSS) we present 120-168 MHz images covering 27% of the northern sky. Our coverage is split into two regions centred at approximately 12h45m +44°30' and 1h00m +28° 00' and spanning 4178 and 1457 square degrees respectively. The images were derived from 3,451 hrs (7.6 PB) of LOFAR High Band Antenna data which were corrected for the direction-independent instrumental properties as well as direc... [More..](#)

by unknown | 25 November 2021 [collection](#)

# Our Dataset





# But Don't Forget The Metadata







## The LOFAR Two-metre Sky Survey (LoTSS) V. Second data release

T. W. Shimwell, M. J. Hardcastle, C. Tasse, P. N. Best, H. J. A. Röttgering, W. L. Williams, A. Botteon, A. Drabent, A. Mechev, A. Shulevski, R. J. van Weeren, L. Bester, M. Brüggen, G. Brunetti, J. R. Callingham, K. T. Chyży, J. E. Conway, T. J. Dijkema, K. Duncan, F. de Gasperin, C. L. Hale, M. Haverkorn, B. Hugo, N. Jackson, M. Mevius, G. K. Miley, L. K. Morabito, R. Morganti, A. Offringa, J. B. R. Oonk, D. Rafferty, J. Sabater, D. J. B. Smith, D. J. Schwarz, O. Smirnov, S. P. O'Sullivan, H. Vedantham, G. J. White, J. G. Albert, L. Alegre, B. Asabere, D. J. Bacon, A. Bonafede, E. Bonnassieux, M. Brienza, M. Bilicki, M. Bonato, G. Calistro Rivera, R. Cassano, R. Cochrane, J. H. Croston, V. Cuciti, D. Dallacasa, A. Danezi, R. J. Dettmar, G. Di Gennaro, H. W. Edler, T. A. Enßlin, K. L. Emig, T. M. O. Franzen, C. García-Vergara, Y. G. Grange, G. Gürkan, M. Hajduk, G. Heald, V. Heesen, D. N. Hoang, M. Hoeft, C. Horellou, M. Iacobelli, M. Jamrozy, V. Jelcic, R. Kondapally, P. Kukreti, M. Kunert-Bajraszewska, M. Magliocchetti, V. Mahatma, K. Małek, S. Mandal, F. Massaro, Z. Meyer-Zhao, B. Mingo, R. I. J. Mostert, D. G. Nair, S. J. Nakoneczny, B. Nikiel-Wroczyński, E. Orrú, U. Pajdosz-Śmierciak, T. Pasini, I. Prandoni, H. E. van Piggelen, K. Rajpurohit, E. Retana-Montenegro, C. J. Riseley, A. Rowlinson, A. Saxena, C. Schrijvers, F. Sweijs, T. M. Siewert, R. Timmerman, M. Vaccari, J. Vink, J. L. West, A. Wołowska, X. Zhang, J. Zheng

1 January 2022

In this data release from the ongoing LOw-Frequency ARray (LOFAR) Two-metre Sky Survey (LoTSS) we present 120-168 MHz images covering 27% of the northern sky. Our coverage is split into two regions centred at approximately 12h45m +44°30' and 1h00m +28° 00' and spanning 4178 and 1457 square degrees respectively. The images were derived from 3,451 hrs (7.6 PB) of LOFAR High Band Antenna data which were corrected for the direction-independent instrumental properties as well as direction-

# Storing and Sharing our Data using Research Drive

📁 Alle bestanden		➤	Training (Projectfolder)		➤	Lofar Dataset		➤	+		
<input type="checkbox"/>	Naam								Grootte		
	lofar.png								 Training	 22 KB	
	lotss-dr2.json								 Training	 66 KB	
2 bestanden										88 KB	

**Thank you for your attention!**

