



Open Science Community Twente

Kick-off meeting

28th January, 14:00

Agenda

- What is Open Science?
- OSCT? What's that?
- Activities
- What are you interested in?

Who are you?

From which institute are you?

Mentimeter

A word cloud visualization of responses to the question 'From which institute are you?'. The words are arranged in a circular pattern, with 'university of twente' being the most prominent. Other visible words include 'bms', 'et', 'engineering', 'technology', 'twentekadasterbms', 'ut', 'ut-eemcs', 'ut sp', 'eemcs', 'scs group', 'ut-lisa-eis', 'library', 'lisa-eis', 'faculty itc', and 'et'.

university of twente

bms

et

engineering technology

twentekadasterbms

ut

ut-eemcs

ut sp

eemcs

scs group

ut-lisa-eis

library

lisa-eis

faculty itc

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Who are you?

Why are you interested in Open Science Communities?

Mentimeter

I love Open Science, I use a lot of code and articles by other researchers, and I try to share my stuff as much as possible. sharing knowledge is great and very effective.

I find it more useful that researchers share data and code, not just publications

integrity of research Transparency of research Access for people from low and middle income countries build community

Because we need each other to promote and normalize Open Science, and explore the different ways in which it can play a role in the region and the academic research.

important approach; all open *

More curiosity driven research instead of competitive research

During my BSc and MSc I often encountered (even very old) research which could only be accessed "creatively". I want to know how I as a PhD can help promote open access to eliminate this problem.

Because Social Sciences is a mess and transparency is one way to clean up

Who are you?

Why are you interested in Open Science Communities?

Mentimeter

I am the new research support office coordinator for bms. So I will promote researchers and support them regarding open science

I am interested in simulation modelling in general and often these models re criticised because they are not transparent, and Open Science may help in that

As a data steward need to increase awareness of academic world, UT/EEMCS in particular, on Open Science. Here I hope to learn, cooperate and exchange ideas on this matter with fellow colleagues.

science as it should be

Get in contact with others interested in open science

curious

Promote the FAIR data principles

support to researchers, specifically on open access

Learn al about OS

Who are you?

Why are you interested in Open Science Communities?

Mentimeter

Just curious

Sound like an interesting concept

To know what kind of support we can offer as a central service department LISA

Improve research quality, desired by funding agencies, give back to society

I'm an information specialist and data steward so open science is part of my job, tasks and responsibility.

as it can be a catalyst for science and the world itself

Perfect to get in touch with researchers

1. Improve my own research
2. Help prepare students for the likely research environment they will face

important for scientific research; nicer to work in a community than on your own

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What is Open Science?



Open Access: Users gain full, immediate, unrestricted access to scientific publications.

Open Data: Data is accessible in accordance with good data governance (e.g., FAIR principles).

Open Software/Hardware: Software is accessible under an open license. Similarly, physical objects (hardware) are openly available and can be studied, modified etc..

OS Infrastructure: Digital I. needed to support OS (e.g. platforms/repositories) should be non-profit and guarantee permanent/unrestricted access to everyone.

Open Evaluation: Transparent and participatory peer review, possible disclosure of reviewers, publicly available reviews.

Open Education: Learning, teaching, and research materials should be freely and openly accessible, re-usable, and redistributable.

Open Engagement of Societal Actors: Involve people outside science ("Citizen and participatory science").

Openness and Diversity of Knowledge: Recognize richness of diverse knowledge systems, holders, and producers.



https://en.unesco.org/sites/default/files/en-unesco_osr_first_draft.pdf

What is Open Science?

Researchers

Leaders

Educators

Information scientists

Innovators

Legislator

Publisher

Editors

Technical staff

Funders

Policy makers

Public



What are Open Science Communities?

- Bottom-up communities to learn, share, and discuss Open Science practices
- Make Open Science more visible and accessible
- Organize events, seminars, and workshops
- Facilitate knowledge exchange amongst peers
- Support member initiatives focussed on Open Science
- Connect with international Open Science Communities
- Open to everyone who would like to
 - Ask questions
 - Look for support
 - Share (positive and negative) experiences
 - Acquire skills to make research more open
 - Connect with other enthusiasts

“Openness is not all-or-nothing [...] Fully open research is a long-term goal, not a switch we should expect to flip overnight.” (MCKIERNAN, 2016)

What are
Open Science
Communities
not?

We are not an expert club!

What are Open Science Communities?

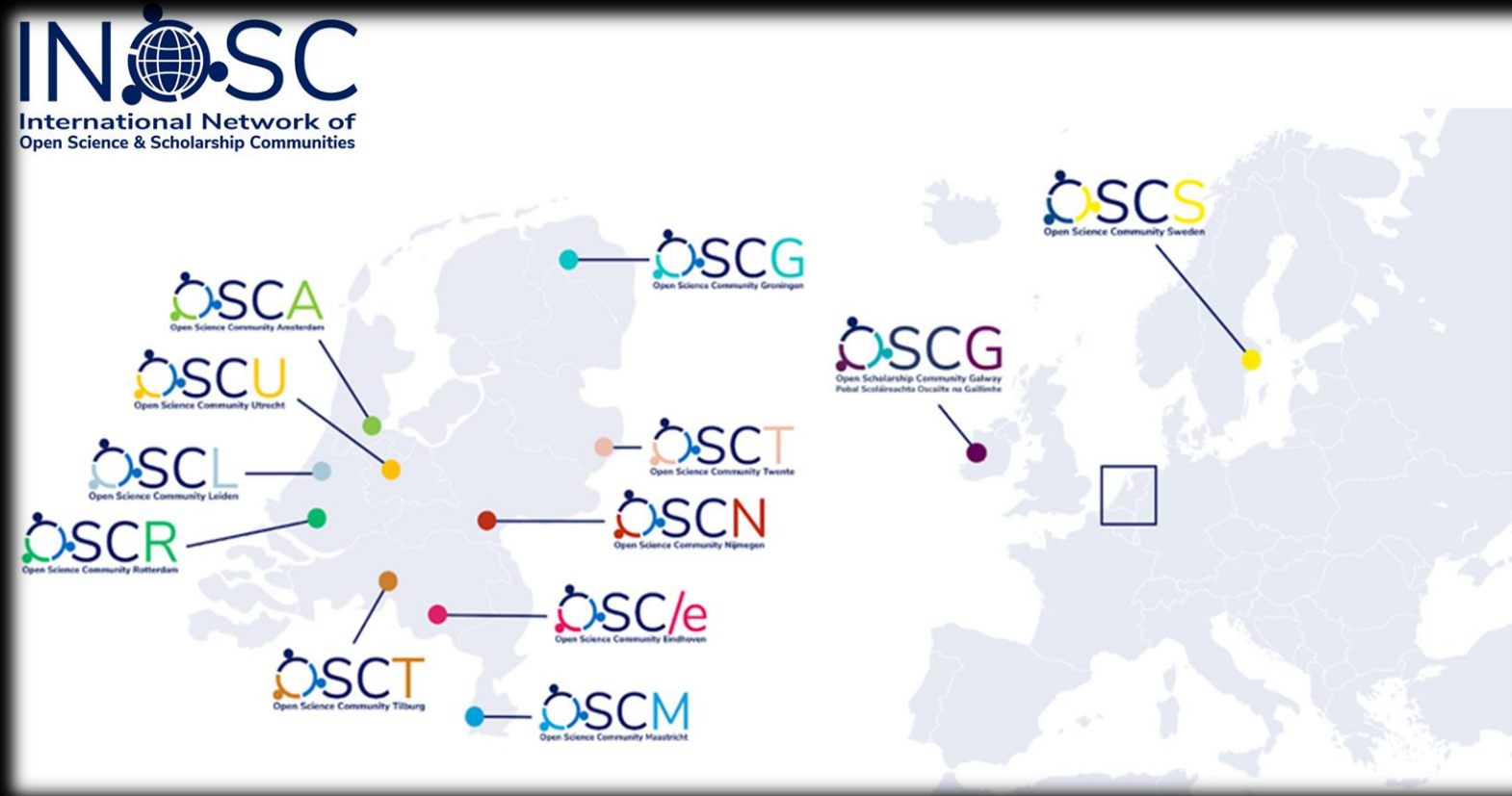


image credit: Anita Eerland, Utrecht University

Open Science Community Twente: Founding Team



PROF.DR. R. ZURITA MILLA (RAUL)

Associate Professor, Chairman department of Geo-information Processing

I am a firm believer in Open and Team Science and one of the founde



DRS. M.T. KOELEN (MARGA)

Research Support Coordinator ITC Faculty of Geo-Information Science and
Earth Observation (ITC) / Secretary ITC Ethics Committee

I already support Open Science (OS) and Open Access since the



DR. T. WEINHART (THOMAS)

Associate Professor



DR. M. KONKOL (MARKUS)


Open Science Officer

Before I came to ITC to work as an Open Science Officer,

<https://www.openscience-twente.com/>



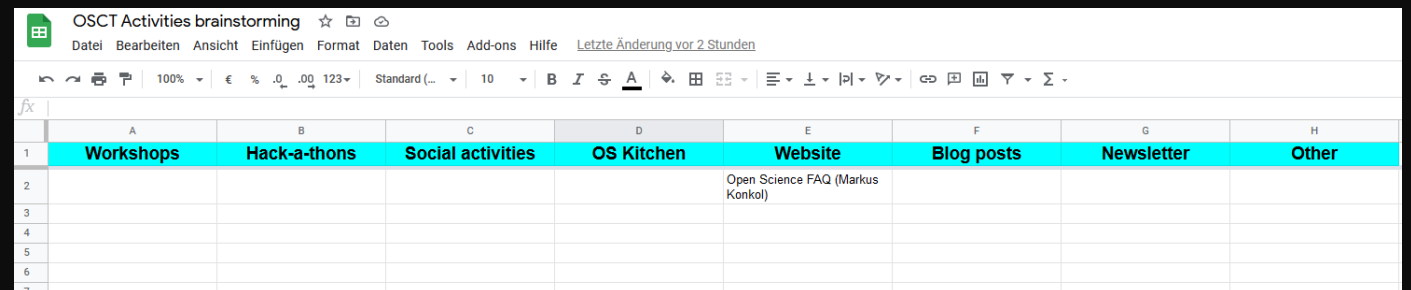
Activities

- Workshops
- Hack-a-thons
- Social activities
- Open Science Kitchen
- Website
- Blog posts
- Newsletter
- Twitter: @OSCTwente 

Inventory of Open Science Topics

What are you interested in?

- Go to
<https://docs.google.com/spreadsheets/d/11Vg3uJzOJ2hdUyQXYIbVYuKuQkrMgsC3x34hrWL-jXc/edit?usp=sharing>
- Try to be as specific as possible
- Add your name if you would like to contribute
- Also: Think about how to make our OSCT grow



OSCT Activities brainstorming

Datei Bearbeiten Ansicht Einfügen Format Daten Tools Add-ons Hilfe Letzte Änderung vor 2 Stunden

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	A	B	C	D	E	F	G	H
1	Workshops	Hack-a-thons	Social activities	OS Kitchen	Website	Blog posts	Newsletter	Other
2					Open Science FAQ (Markus Konkol)			
3								
4								
5								
6								
7								

Inventory of Open Science Topics

Workshops	Hack-a-thons	Social activities
Promote Bring Your Own Data (BYOD) workshops (FAIR) - Joao Moreira (EEMCS)	Building an interface or overview to make it easier for researchers to find/extract data from the various data repositories out there???	How about a meet & greet/Q&A with scientific staff? So non-scientific staff and/or people from outside the University can learn about what's going on in the scientific world? To create understanding, involvement? (Tineke)
Learn how to use github (stephanie)	Create a living document to gather e.g. OS best practices, gathering of ideas, principles, etc.. (for publication maybe?) (an example of this: https://www.blockchainforscience.com/2017/02/23/blockchain-for-open-science-the-living-document/)	
Mirroring GitHub account on UT GitLab server	Tool for evaluation if your research is FAIR. (does meet the rules for FAIR science)	
data/software carpentries (carpentries.org)		Team up with the data stewards, together we are stronger
Give workshops to (UT) phd platforms about the social factors of open science (Sofia Mutlu)		
Uploading your data to a trusted repository, and finding other people's data there		Collaboration with student associations to introduce OS outside of a classroom environment
Increasing the FAIRness of simulation models (Xavier Pouwels)		
Data Management Bootcamp (given by LISA)		

Inventory of Open Science Topics

OS Kitchen	Website	Blog posts	Other
(Dis)advantages of pre-registration of (modelling) study	Open Science FAQ (Markus Konkol)		Open Science Week in summer (Markus)
Reproducibility → executable paper discussing possible tools (perhaps leading to a workshop later on) . Inventory of current practices (Raul)	Starter resources? E.g. based on: Easing into Open Science article here - https://online.ucpress.edu/collabra/article/7/1/18684/115927/Easing-Into-Open-Science-A-Guide-for-Graduate	Open textbooks for students. Experiences with that. (stephanie, BMS)	Celebrate a group/department of researchers who tries hard to ensure a large percentage of their research output (incl. data) is Open
making your work reproducible is extra effort - how to make sure that you get something out of this effort (recognition, citations, learning, collaborations, ...)	Comparison tables (pros/cons) for available OS publishers and OS data repositories.	Nice examples of how Open research benefitted a societal/regional project	OS Award is a great idea, I like to help (Jasper van Alten, SP)
Open Science when using individual (identifiable) person data > legal issues etc.	Links to open journals? E.g. here: http://www.openscienceonline.com/journal/index	Open video micro lectures (stephanie van den berg, BMS)	
Open Science when non-disclosure agreements are limiting the opportunities of researchers in opening their findings	Links to data repositories? E.g.: https://www.nature.com/sdata/policies/repositories		slack or any other platform to communicate/chat? (Raul)
discussion: open science in education. Training the next generation of scientists (Raul)			set up social media accounts. (LinkedIn, XING)
Collect best practices of Open Science or nice examples			Connect to Twente Graduate School to reach young researchers.
Discussion: Dealing with pushback against implementation of OS and counter arguments. For example dealing with arguments that financial costs of repositories limit implementation of OS in poor regions. Or patent and funding issues			from the discussion: do we need sub-groups? https://www.blockchainforscience.com/
Sharing clinical data/images (FAIR data); Lejla Alic → UMC			
How to use proper referencing in teaching materials? Any standard and rule to follow? (Ling)			

Next



Call for Sessions – SciDataCon 2021, part of International Data Week 2021

[Check it out](#)



[Check it out](#)

New funding instrument to stimulate Open Science

1 December 2020

NWO is launching the 'Open Science Fund', a new funding instrument intended to give Open Science a boost. Projects can be financially supported through the programme in the broad field of Open Science. Examples include projects aimed at developing innovative ways of (open access) publishing, the FAIR sharing of data or software, and projects that help bring about the necessary culture change. The Open Science Fund is a new tool for recognising and rewarding researchers for open research practices.



[Check it out](#)



[Check it out](#) Einstein
Einstein