

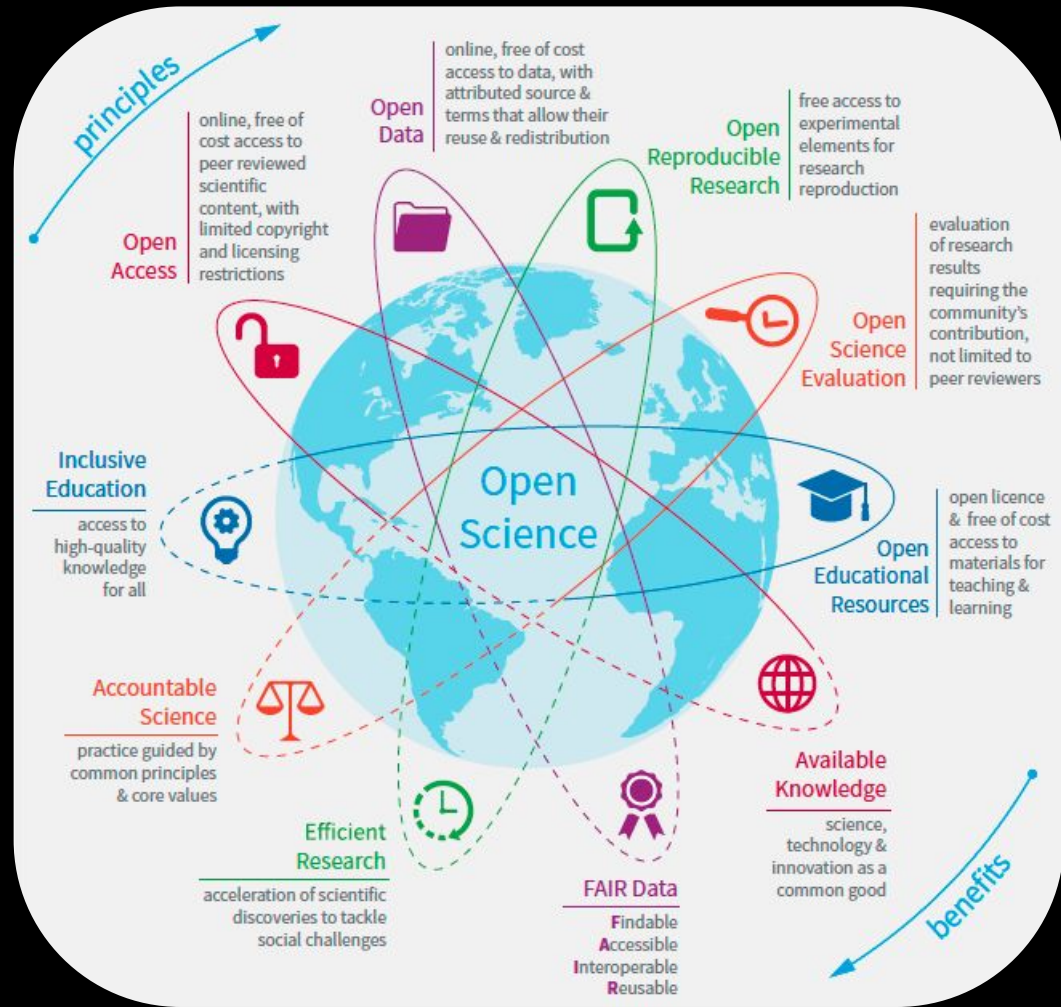
Inclusion and Digital Equity

From Theory to Practice

Sara El-Gebali
ISMB/ECCB 2023



Open Collaborative Inclusive Science














The Power of Community



**Open Computational Inclusion
& Digital Equity Resource**



<https://www.opencider.org/>

- OpenCIDER
- Handbook
- FAQs
- How to get Involved
- Code of Conduct
- OpenCIDER on Youtube 
- What we do 
- Templates 
 - CommunityCall Template - 90 minutes
 - Sprint Template**
- Checklists 
- Resources 
- Links 
- Communities 
- Survey
- Events 
- Contact us
- Subscribe to Newsletter
- Our Team
- Supporters 
- License



Sprint Template

To view and copy this template please refer to the Google doc.

[Google Doc](#)

Here, add any information you would like to highlight such as:

Please make a copy to this template to edit it.

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If you have any comments or feedback please get in touch opencider@protonmail.com

Schedule:

This is an example of a schedule used for a sprint over two days with each day lasting for two h

DAY 1: 2 Hours (Add Date)

Activity	Time (Minutes)
Welcome + Intro +Code of Conduct	5
Icebreaker and Introductions	15
Intro or Keynote	10
Breakout room discussions	20
Goals/Objectives of Sprint (here you can talk about how to participate and expected outcomes)	5
Tasks and assignments (people signing up for tasks and assignments)	5

What do we offer? Templates



- OpenCIDER
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Be Mindful

Behaviour and conduct advice

- What do you do when you begin the session? How you introduce yourself
- What can you do differently to invite your students to connect with you.
- Use of language, triggers, show of support
- Encourage participants to point out issues
- Illustrate that you care and react to issues
- Be careful of language and diction
- Don't touch learners' keyboards
- Be mindful of how you address the participants
- Avoid using exclusionary phrases such as "you guys"
- Check in with the audience at intervals as a form of assessment of their them time to catch up.
- How do you finish the session with your students?
- Reflecting back on your session, what is the last thing you do not think ab
- How would a member of your audience report any incidence of abuse?
- How can we empower them to take charge of the material and learning e teach it to someone else?
- How do you gather feedback?
- Encourage group work
- How do you come up with better solutions for groups with limited resour
- Which factors can be controlled and which can't be controlled but should
- Weigh out the pros and cons of software setup local vs cloud
- Material preparation and give access beforehand

What do we offer? Checklists



What do we offer? Resources


[OpenCIDER](#)[Handbook](#)[FAQs](#)[How to get Involved](#)[Code of Conduct](#)[OpenCIDER on Youtube](#)[What we do](#)[Templates](#)[Checklists](#)[Resources](#)[Tools and computational infrastructure](#)[Pedagogical methods](#)[Links](#)[Communities](#)[Survey](#)[Events](#)[Contact us](#)[Subscribe to Newsletter](#)[Our Team](#)[Supporters](#)[License](#)Powered By [GitBook](#)

Tools and computational infrastructure

The choice of tools and infrastructure can be influenced by several factors, such as; data portability (transitioning the data from one environment to another), security and privacy, popularity and

Here, we list the most popular tools in each category.

Before making a choice please note that there is some overlap in the categories and the applications listed, some provide extended functionality and support over more specific ones.

 Please also share any tools you might have used and/or found interesting, especially open source tools.

- Instant messaging
 - WhatsApp
 - Matrix/Riot
 - Telegram
 - Wire
 - Jami
 - Gitter
 - Keybase
 - Tox chat
- Digital workspace
 - Slack
 - MatterMost
 - Rocket Chat
 - Zulip
 - FreeNode
 - BaseCamp
 - QiqoChat
- Video conference



OpenCIDER

Handbook

FAQs

How to get Involved

Code of Conduct

OpenCIDER on Youtube



What we do



Survey

Events



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License

Handbook



Open Computational Inclusion and Digital Equity and Regulatory Handbook

Check out our [Handbook](#)- Open for contributions!!

Open Computational Inclusion, Digital Equity and Regulatory Handbook

The international open data charter defines open data as;

Open data is digital data that is made available with the technical and legal characteristics necessary for it to be freely used, reused, and redistributed by anyone, anytime, anywhere.

<https://opendatacharter.net/principles/>

Is Open Data a global concept or a privilege?

To advance active participation in open data practices and to improve the quality of research, we need to adopt inclusive practices with particular attention to communities with limited resources to ensure equitable and effective engagement of underrepresented groups.

To that end, OpenCIDER is a knowledge space where we highlight communities and resources related to several aspects under the umbrella of Open Data from a global perspective with a strong focus on Low-Middle Income countries (LMICs).

We believe that enriching the Open Data community by propagating the foundations of equity, inclusion, sharing, and FAIRness on a **GLOBAL** scale, will provide significant benefits for research. It will also translate to more effective use of resources, increased rigor, transparency, re-use, participation, accountability, and reproducibility.

Below, we address multiple topics that provide the framework for open data practices, this includes technical (i.e open hardware, open software, internet access etc..) as well as non-technical (i.e. inclusive practices, policies and advocacy, community building, etc...).



FAQs

The X tool **doesn't work** on my platform, what **alternative** tools I can use?

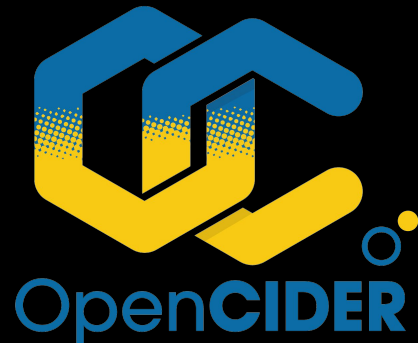
Can I use/access XYZ **without internet**? Does it work **offline**?

The country, I live in, **blocked** X tool (e.g. YouTube / WhatsApp), what **alternative** tools are available?

How do I design **inclusive** event? What key things to consider when designing inclusive event?

We cannot afford to buy license/tool, are there similar **open source** tools?

www.opencider.org



FAIRPoints

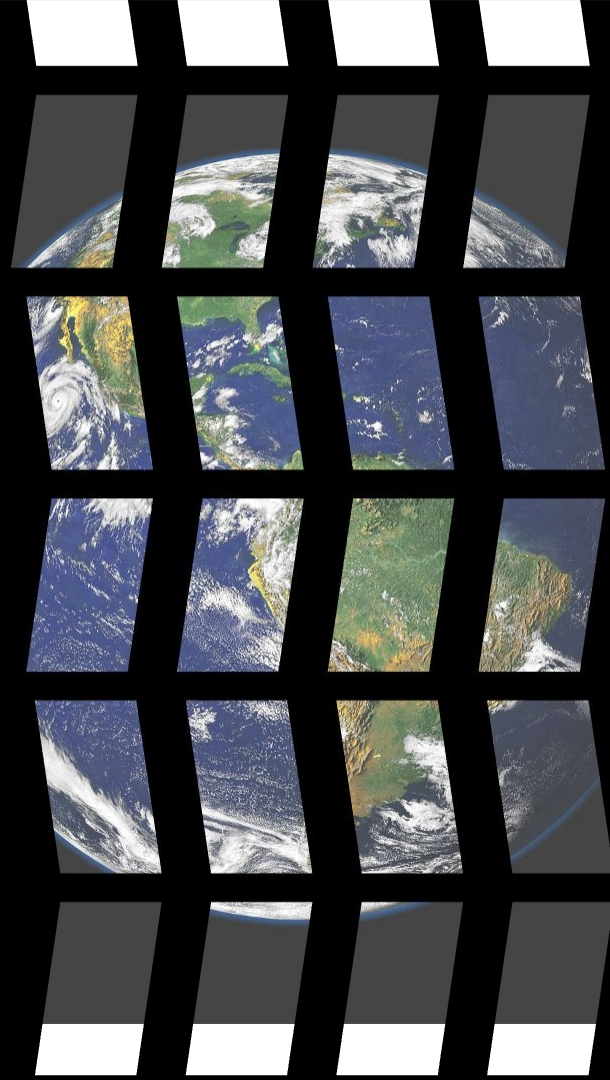
The event series highlighting pragmatic measures developed by the community towards the implementation of the FAIR (Findable, Accessible, Interoperable, Reusable) data principles.



<https://www.fairpoints.org/>



FAIR
is
Global



Microgrants covering:

- Internet access
- Power! Electricity
- Electronics for audio/visual participation e.g. (headset, webcam).
- Office space/desk rentals
- Childcare

Other:

- Empower and uplift
- Provide a safe space free from harassment
- Support different forms of participation, verbal/written
- Translations
- Recordings

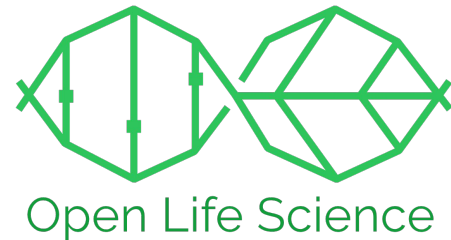
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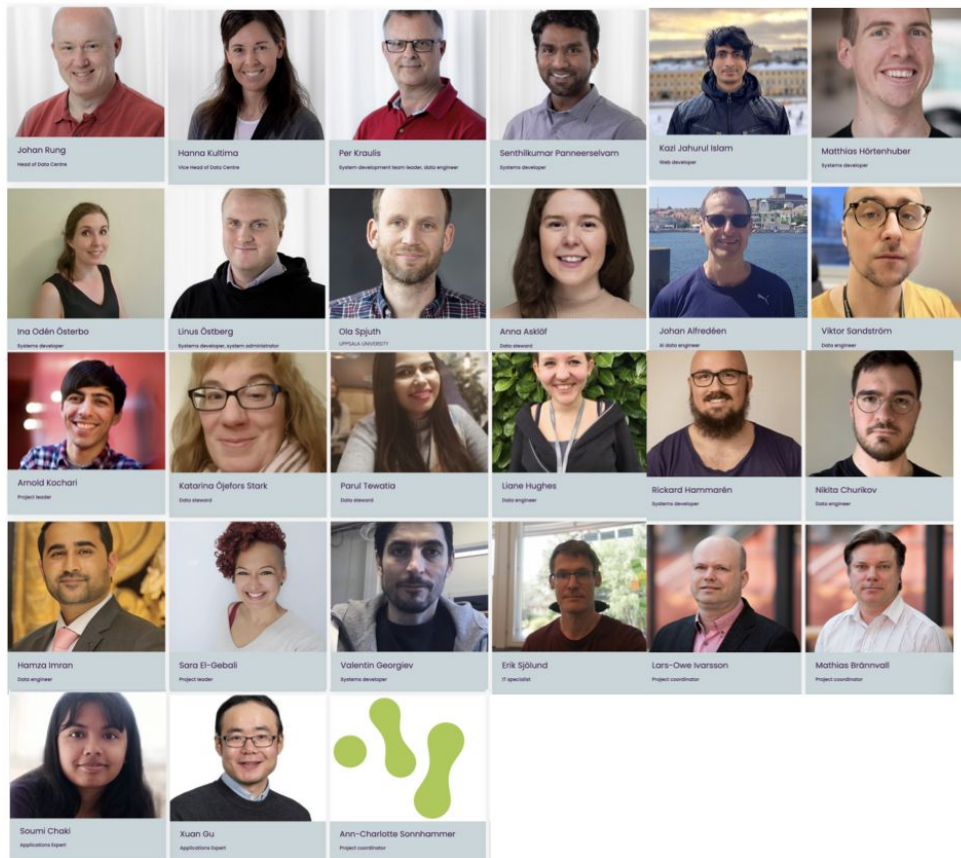
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Open
Science
driving
forces!



SciLifeLab Data Centre Team Feb 2023



Swedish Research Council



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Scilifelab-Data-Centre

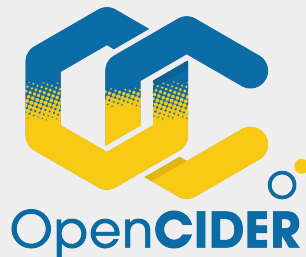


FAIRPoints team





SciLifeLab



SDSC SAN DIEGO
SUPERCOMPUTER CENTER

Get in touch:
fairpoints.org



FAIR DIGITAL OBJECTS  FORUM

