1. What challenges have you faced in OS Education? 2. What does one need to start an OS Education grassroot initiative?

Open text poll   43 responses   34 participants

Anonymous
1. Material needs to be constantly updated to keep up with changes in technology & conventions, but it is harder to get funding for this long-term maintenance and updates

Anonymous
1. Lack of training 2. Awareness of its importance at our Institution and funding to be carried out at a large scale

Anonymous
1. Many disparate initiatives who develop similar content but don't collaborate closely

Anonymous
1. I ve been receiving feedback along the lines of: That all sounds nice but I conduct qualitative interviews (topics like refugees, and / or other intimate things) and I won't be able to get interview partners if I state that I will be publish the interview data. What are your answers to ressentiments like that?

Anonymous
1: Lack of interaction from the audience and will or capacity to be open to new ways. 2: Patients

Anonymous
2 enthusiasm and support from management.

Anonymous
2: persistence; a person at the institute who already practices Open Science and can convince others (Open Science Champions)

Anonymous
1. When developing RDM open e-learning courses, we struggle to find good, powerful software (e.g., for video creation) that are open source. So at the end, even if we want the course to be purely open, we may fail when trying to build high-quality training material but in non-open software.

Noémi Cobolet (UStrasbourg, FR)
1. have a OS skills repository available, adopted by all services from my university 2. clearly, a group of people, with different profiles

Anonymous
2. To find a relevant plattform to publish my lectures

Anonymous
Curricular changes

Anonymous
2. take a look at the Irish initiative Agape. https://agapeopenscience.netlify.app/about/ they started as part of a project, if I'm not mistaken. Beyond teh project, it still exist

Anonymous
1. Lack of time and motivation (financial, recognition/credit) to do so 2. Time and then institutional support to maintain materials

Anonymous
1: Learning about open science while also having to teach it at the same time. Finding good and applicable material. Adding even more that has to be taught (discipline specific competencies as well as OS competencies) 2: Someone to start. Personal enthusiasm and/or time and money to start.

Anonymous
1. How to overcome a naïve approach or even disinterest

Anonymous
1: Researchers are either very motivated or not interested

Anonymous
Funding and resources

Anonymous
1) To convince students that they need it (RDM) does not sound so appealing) 2) Dedicated lecturers

Anonymous
2: Resources for a community manager

Anonymous
2. A passionate group of collaborators who are determined to make things happen even with minimal resources

slido

3. Where do ECR struggle most to fulfill good scientific practices? 4. How can we bring OS Education into PhD studies?

Open text poll   29 responses   21 participants

Anonymous
3. Lack of support/time from supervisors/projects to follow good practices. I have seen much more success training people to use good practices when they were in an environment that encourages and uses them widely already

Anonymous
3. In my experience, the supervisor since they often don't value OS

Anonymous
Time and tools. Just preaching without the time to do it or the tools to do it that doesn't massively rob you of time for research

Anonymous
4: We have to give PhD students opportunities to make choices independently of their supervisors

Noémi Cobolet (UStrasbourg, FR)
3. Where there is no benefits for their career, only starting (choice of the journal where to publish, APCs) 4. Integrating councils in charge of the curricula for PhD students, starting partnerships with doctoral schools, offering credits systematically to PhD students when PhD students participates to OS trainings not embedded into curricula

Anonymous
3. Even if your current institution is fostering os practices, thinking about your career and moving to other institutions that mostly rely on classical metrics poses challenges.

Anonymous
3 Supervisors are, frankly said, often enough not educated enough or they do not care about open science

Anonymous
4. Connect open science to the already present professional practices and ideals, so os does not become an isolated phenomenon.

Anonymous
3) thesis supervisors must be trained too

Anonymous
3. They must go beyond the recommendations of thesis supervisors (for example), which are not compatible with the principles of open science.

Anonymous
3. I suspect it is because OS principles are relatively new, and so not necessarily things many supervisors grew up learning so perhaps don't have the experience to pass it on. I think in the future, it will be become much more integrated.

Anonymous
3. Doing empirical research privacy and data security questions are the most challenging questions

Anonymous
3. Lack of knowledge and exposure

Anonymous
4) must start at master level

Anonymous
4. Before PhD studies, already at the Master level

Anonymous
Should be an essential part of onboarding any new researcher in your organisation, if this is central to how your organisation sees Open Science

Anonymous
3. No role models. Supervisors are not skilled in OS either. 4 e.g.extracurricular via training offers by library

Anonymous
3: time management; other things seem/are more important 4: making learning easy and then requiring certain standards; showing how to practice open science

Anonymous
4. Maybe by providing some type of incentive? (some type of funding for those who engage in OS for instance)

Anonymous
4. It should be taught earlier than phd

5. What good practices, tools and resources can you recommend for OS Trainers? 6. What opportunities are there for collaboration and networking?

Open text poll · 33 responses · 21 participants

Anonymous
DALIA (Data Literacy Alliance) https://dalia.education/de

Anonymous
5. 6. We need to set up real exchanges, organised at European level, to enable us to adopt a level of professionalisation in terms of training and teaching materials (quality, évaluation). The Skills4eosc project and the Compétence centres should propose this.

Anonymous
Making Training materials FAIR by design - https://elixir-europe-training.github.io/ELIXIR-TrP-FAIR-Material-By-Design/

Anonymous
Data Steward and OS Communities.

Anonymous
5: hands-on support for researchers during their work, not just training events

Anonymous
6. combined effort towards translation of a core set of materials into as many languages as possible, so researchers can access training in their preferred language

Anonymous
The Turing Way

Anonymous
Data Steward and OS Communities.

Anonymous
6. ELIXR

Anonymous
5. Teach people concepts of open source collaboration and transfer it into open science (git basics + some online repository), publish the source code of your materials (LaTeX, Markdown) 6. From my experience, just write people an email or DM them on Linkedin. Modt people will be happy to share their experiences

Anonymous
Getting guidance from your institution - my university has an office of open science

Anonymous
5 i like the Forester project resources.. openAire platform. for datamanagement - DMPEG from CESSDA. RDM kit from elixir. Skills 4 eosc. 6 definitely integration of all sources and cominity peer review.

Anonymous
6: standardization of certification (like PRINCE for project management)

Anonymous
6: As a person at a library that does generic trainings, I find it very helpful to collaborate with NFDI Consortia for disciplinespecific trainings

Anonymous
6. There are elements in open science that ties into established aspects of practicing science. It's important to network with those who provide training in research ethics, information- and cyber security, research methods, and collection and management of research materials and data, etc.

Anonymous
Use the OpenBadges framework to award badges / microcredentials instead, from an international (governing) body

Anonymous
ELIXIR FAIR training handbook https://elixir-europe-training.github.io/ELIXIR-TrP-FAIR-training-handbook/

Anonymous
5.Carpentries, Retreats like openscienceretreat.eu 6. Network of European Universities Libraries Open Science Working Group FOR EU LIB

Anonymous
Forthcoming EVERSE RSQkit

Anonymous
5: Open Science MOOC https://opensciencemooc.eu/