



ევროკავშირი
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Workshop “Advancing Open Science in Georgia”

Component 3 “Institutional capacity of SRNSFG with a view to strengthening international collaboration enhanced”. Activity 3.1.1. Promotion and implementation of the supporting schemes/preparatory activities and capacity building based on international standards

12 October 2022, 11:00 – 17:00

Tbilisi, Georgia

Meeting report

Development of Policy recommendations for a national Open Science Policy in Georgia

This meeting report was created with the support of the European Union, which does not necessarily mean that it reflects the views of the European Union. Only project partners are responsible for the content of the publication.

What is Open Science?

“(…) Open science is defined as an inclusive construct that combines various movements and practices aiming to make multilingual scientific knowledge openly available, accessible and reusable for everyone, to increase scientific collaborations and sharing of information for the benefits of science and society, and to open the processes of scientific knowledge creation, evaluation and communication to societal actors beyond the traditional scientific community. It comprises all scientific disciplines and aspects of scholarly practices, including basic and applied sciences, natural and social sciences, and the humanities, (…)” (Source: UNESCO <https://unesdoc.unesco.org/ark:/48223/pf0000379949/PDF/379949eng.pdf.multi>)

What are the benefits of Open Science?

Among others:

- “Open science increases scientific collaborations and sharing of information for the benefit of science and society
- makes multilingual scientific knowledge openly available, accessible, and reusable for everyone
- opens the processes of scientific knowledge creation, evaluation, and communication to societal actors beyond the traditional scientific community”

(Source: UNESCO

<https://unesdoc.unesco.org/ark:/48223/pf0000379949/PDF/379949eng.pdf.multi>)



The following recommendations were developed during the workshop:

1. Open Access to Research Output

- **Open Access to Publications**
- **Open Access to Research Data**
- Mandatory open access to publications and research data as a long-term goal
- Develop an open science research policy/strategy, including copyright and IP protection insurance
- Development of the national platform/website with information on open science activities in Georgia
- Development of the national publication and data infrastructure – creation of the (various) national OS platform(s), to link European research infrastructures - EOSC
- Develop strategies to ensure FAIR (findable, accessible, interoperable, re-usable) research data
- Mandatory research data management plans (DMP) as a long-term goal
- Encourage the deposition of research data in subject-based and subject-specific data repositories (NSL, repositories.).
- Open access to research publications and data, through a commitment to Horizon Europe and its active participation in the European Research Area (ERA).

2. Open Infrastructures

- Step by step opening up existing infrastructures to a wider public
- Development of a state-funded national-level repository compliant with FAIR principles
- Creation of a policy for the repository
- Unification of existing science publications/theses/dissertations/pre-prints in one repository (including division into subject/theme-specific parts etc.)
- Access to the list of existing material infrastructure in research institutes and universities (labeled as open where applicable)
- Awareness raising for open infrastructure among researchers, students, university staff, etc.
- Create an open science event calendar (hashtag or as part of the national platform/website with information on open science activities in Georgia etc.)

3. Citizen Science

- Develop a national strategy for citizen science
- Organize events, and campaigns to raise awareness for citizen science for research institutions, researchers, the public, and businesses
- Support funding programs for citizen science
- Step by step opening up existing infrastructures to a wider public for citizen science purposes
- Include Open Science in the curriculum in schools and higher education institutions

4. Open Education

- Establish common standards for open educational resources (OER)
- Create a national platform for OER
- (MES) Review Policies on Copyright, Implementing Creative commons



- Include Open Science in the curriculum in schools and higher education institutions

5. Open Evaluation

- Establish Standard Evaluation Protocol (SEP) by broadening the set to open science evaluation criteria by including research output, research quality, altmetrics evaluation system, etc.
- Improve current evaluation criteria which are based on the number of high-impact factor publications, well-established publishers, “publish or perish” system
- Support the general research evaluation systems, and develop a system for the assessment of research data in accordance with the FAIR principles.
- Set up the methodology to evaluate institutes, institutions, and universities with an emphasis on the assessment by promoting open data and reproducibility, and other open science indicators, such as data management plans, raw data publication availability, or of data for external use.

6. Open Methods

- Create an open methods Infrastructure and/or open methods integration in the existing research infrastructure
- Create a subject classification system for the methodology
- Promote open methodology within research institutions
- Development of methodology metrics

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