

What's New for Users and Providers

The Future of EOSC webinar, 9 June 2022

Prof. Sonja Filiposka, UKIM



Outline

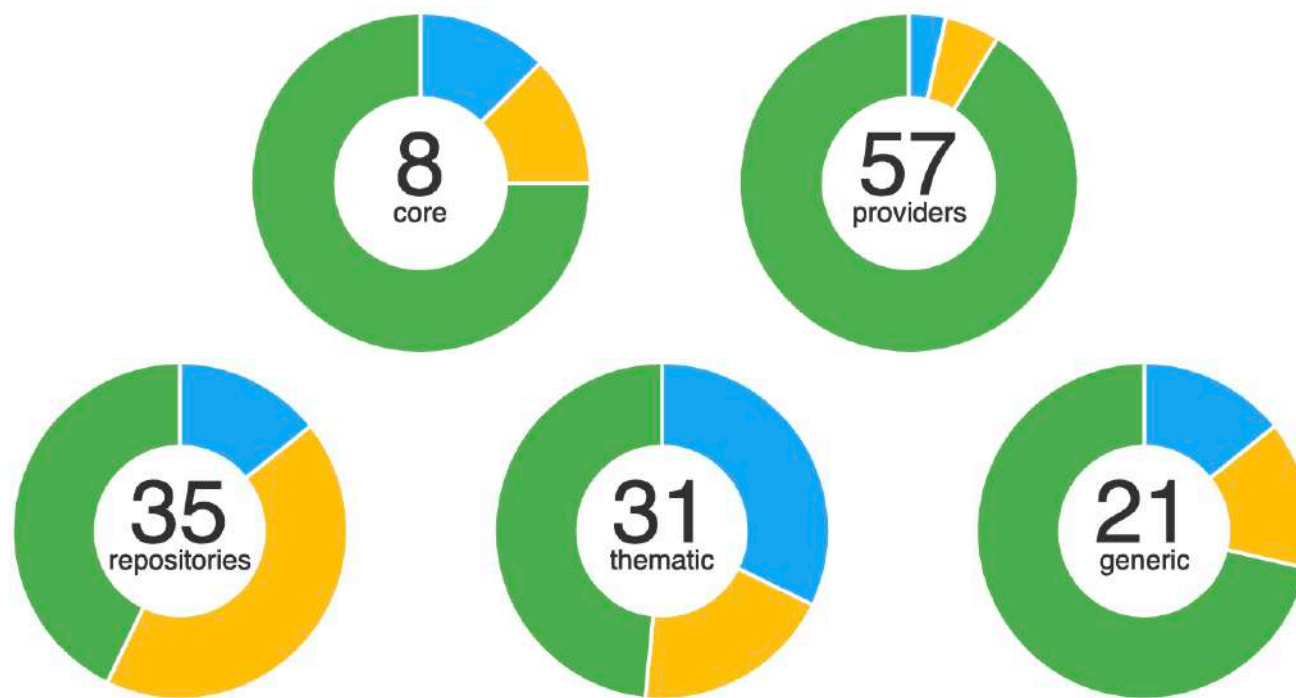
How to Use NI4OS-Europe Services

What's new on the Training Platform

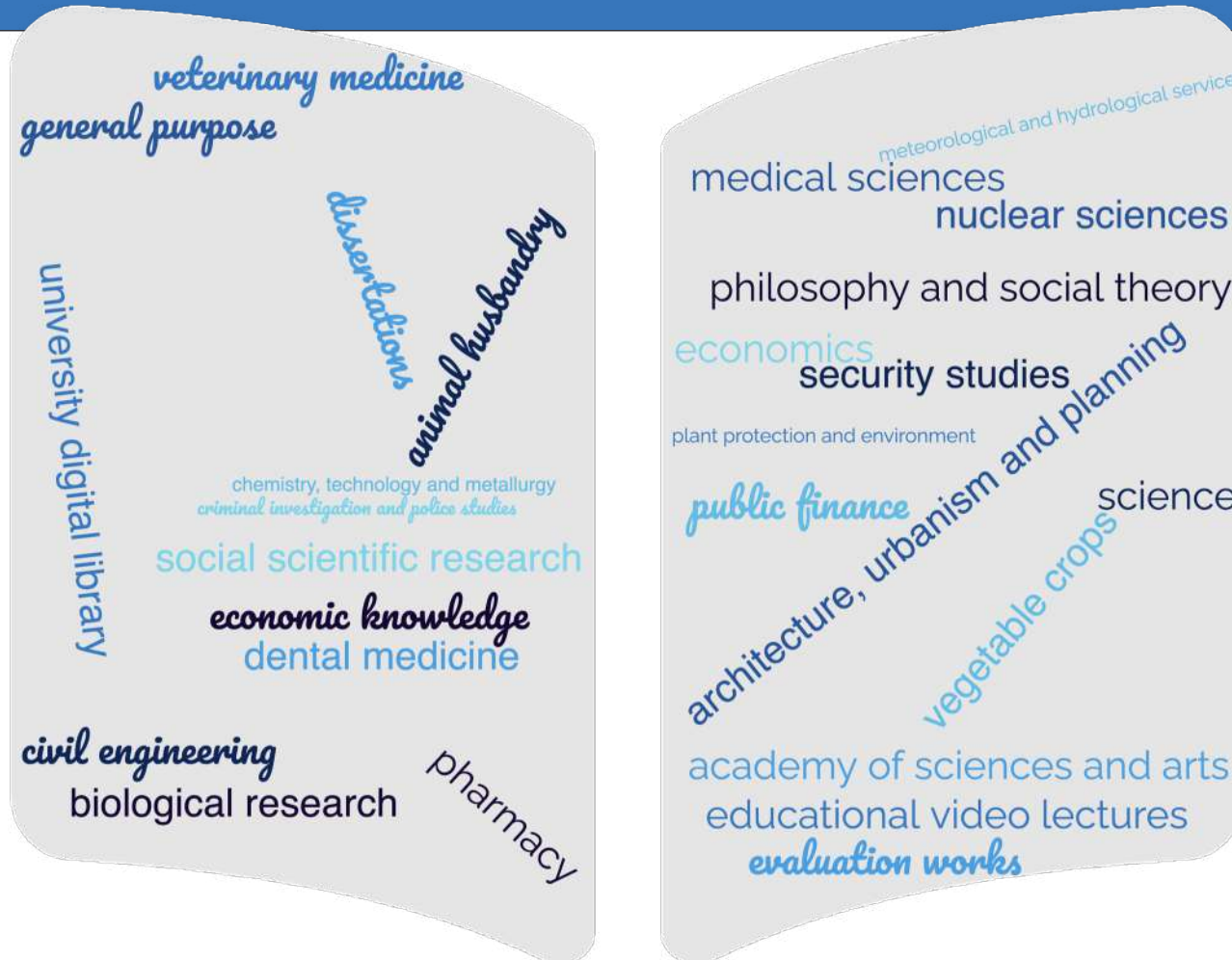
Open Call Update



NI4OS-Europe Service Catalogue



15 on-boarded repositories – free open access



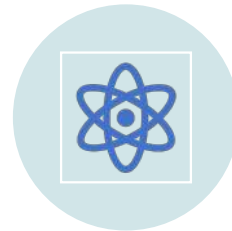
15 on-boarded thematic services – free for use



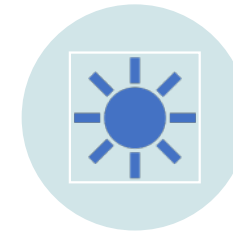
DIGITAL CULTURAL
HERITAGE



LIFE SCIENCES



COMPUTATIONAL
PHYSICS



CLIMATE

15 On-boarded generic services – some are free for use



HPC



Cloud IaaS



IoT Cloud



DATA
STORAGE



DATA
ARCHIVING



DATA
DISCOVERY



DATA
ANALYSIS

RoLECT

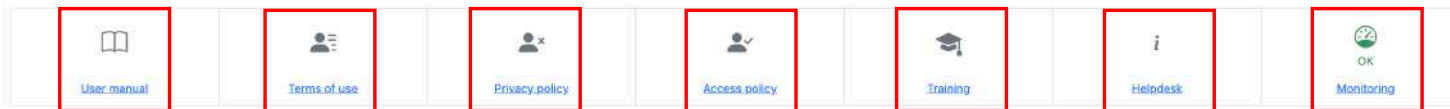
LCT

RePOL

Service Information and Access

RePol - Repository Policy Generator

Tool for creation of repository and privacy policies




RePol – Repository Policy Generator is an open-source web application that guides users through the process of defining policies for repositories and web-based services. It helps in defining and maintaining comprehensive and clear repository and privacy policies. Generated privacy policies are suitable for any kind of service. RePol uses a step-by-step wizard and self-explanatory forms to guide users through the process. By choosing options in a form, users shape a policy document with predefined policy clauses formulated in line with the current best practice. The resulting policy document may be downloaded as an XML file, additionally customized, and integrated into the service or repository. The collected data and the key elements of the generated policy are provided in a machine-readable format. This allows for an automated interpretation of created policies and extraction of repository-level metadata for inclusion in registries, catalogues and various operational and data discovery tools. The resulting policy document may be downloaded, additionally edited, and integrated into a repository.

The main purpose of this extensible web application is to generate policies for repositories, but it can be configured to generate any other type of document, due to the versatile nature of its configurable forms and FreeMarker templates.

RePol is a Java web application (using EE Web API 7.0) built upon Java Server Faces 2.2 framework, with PrimeFaces 7 components. It generates documents using FreeMarker 2.3 library.

Resource organization




University of Belgrade Computer Centre
Kumanovska 7, 126119 Belgrade, Serbia (RS)

ON-BOARDED

[more](#)

Resource providers



University of Belgrade Computer Centre
Kumanovska 7, 126119 Belgrade, Serbia (RS)

ON-BOARDED

[more](#)





Create Policy

About RePol

A trustworthy repository should have a transparent policy, informing users about the roles, responsibilities, rights and procedures aimed at ensuring that their deposited data are preserved and disseminated in line with the FAIR and Open principles. RePol helps you in defining and maintaining comprehensive and clear repository and privacy policies. Generated privacy policies are suitable for any kind of service.

RePol uses a step-by-step wizard and self-explanatory forms to guide you through the process. By choosing among the offered options, you choose predefined policy clauses formulated in line with the current best practice. The resulting policy document may be downloaded, additionally edited, and integrated into your repository.

- Access, data entry and document creation – You can use RePol without any authentication. After starting the wizard and passing over optional loading of previously saved data, you need to select a policy to be generated. The document is generated after the relevant fields are filled.
- Editing of generated documents – The generated HTML document is a draft that must be read and edited before it is considered final. The sections that must be revised are clearly marked. If you want to re-upload and re-use the document in RePol, please refrain from deleting or altering the hidden portion between tags because that is where the machine-readable data is stored. We strongly suggest that you keep the original drafts produced by RePol - this simplifies comparison between drafts, and drafts and manual edits.
- Saving all entries – At any time, you can download an XML (standalone) file containing data for all policies. Each generated document also contains its data in a machine-readable format.
- Later changes of data and documents – Both standalone XML exports and generated documents can be re-uploaded to the RePol, restoring the previously provided values, allowing to update the produced draft policy, in line with new choices and improvements of RePol templates. All user edits of the earlier created text will have to be repeated in the new document.

More information about RePol is available at [NI4OS-Europe Wiki](#).

Feedback and support

The email for feedback and support is repol@rcub.bg.ac.rs. You can also use the below-provided link.

In case you submit feedback, we will collect your name and email address in order to be able to respond to your query. For the same purpose, we collect the following information:

Information submitted via your email to the provided address will be used for no other purpose than to respond to your query.


[Feedback Survey](#) [Privacy Policy](#) [Terms of Use, Disclaimer and Copyright Notice](#)



This work is funded by the European Commission under the Horizon 2020 European research infrastructures grant agreement no. 857645.



NI4OS AAI Login



Log in

Authenticate using

NI4OS AAI

If you are not sure which authentication method to use, contact your administrator.

[Privacy Policy](#)
[Acceptable Use Policy](#)
[Terms of Use](#)
[User Guide](#)
[Helpdesk](#)

[Sign In](#)



Log in with your academic/social account

Search...

- 29 Mayis University
- A'SHARQIYAH UNIVERSITY
- A*STAR - Agency for Science, Technology and Research
- A. T. Still University
- AAF Virtual Home
- aai.lab.maeen.sa
- AAI@EduHr Single Sign-On Service
- Aalborg University
- Aalto University
- Aarhus School of Architecture
- Aarhus School of Marine and Technical Engineering
- Aarhus University
- AARNet
- Aba Teachers University
- Abertay University
- Aberystwyth University
- ABES - French Bibliographic Agency for Higher Education

OR



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English ▲

[Privacy](#)



LINKS



DOCUMENTS



COURSES



LEARNING
PATHS



CC-BY



Guest access



NI4OS
Europe

Training Platform

<https://training.ni4os.eu/>

Getting Around

Main Categories

Towards EOSC

NI4OS Training Events

Open Science

All Courses



Towards EOSC
EOSC Portal & Marketplace
Official EOSC training materials that help end-users learn how to use the EOSC Portal & Marketplace.



Towards EOSC
FitSM - Light approach to IT Service ...
An introduction to FitSM Foundation principles in the form of a self-paced online course.



Towards EOSC
EOSC & FAIR
Essential information on EOSC and FAIR presented as promotion materials available in multiple languages.



Towards EOSC
Thematic NI4OS-Europe Services
Training materials that help end-users use the thematic services that are on-boarded in the NI4OS-Europe pre-production environment.



Towards EOSC
Generic NI4OS-Europe Services
Training materials that help end-users use the generic services that are on-boarded in the NI4OS-Europe pre-production environment.



Towards EOSC
NI4OS-Europe Repositories & Tools
Training materials that help end-users use the on-boarded repositories in the NI4OS-Europe pre-production environment.



Subcategories and Courses

Service Training Courses

NI4OS Training Platform You are not logged in. (Log in)





Generic NI4OS-Europe services

Home / Courses / Towards EO SC / Generic NI4OS-Europe services

Course categories: Towards EO SC / Generic NI4OS-Europe services

Training materials that help end-users use the generic services that are on-boarded in the NI4OS-Europe pre-production environment.

Search courses Go

- Data Discovery Service** 
The service provides for flexible searching for data discovery. This is a powerful dataset management system that provides publishing, sharing, searching and can use almost any type of data and metadata. It provides users with ability to publish metadata about their data and to find relevant datasets based on metadata information. The service is open and multidisciplinary.
Trainer: Emanouil Atanasov
For more information about Data Discovery Service please visit the NI4OS-Europe service catalogue.
- Avitohol Supercomputer** 
The supercomputer Avitohol was at 331st place in the TOP 500 list of supercomputers. It is built with HP Cluster Platform SL250S GEN8 (150 servers), Intel Xeon ES-2650 v2 8C 2.6GHz CPUs (300 CPUs), non-blocking InfiniBand FDR, 300 Intel Xeon Phi 7120P co-processors. It provides 412 TFlops of performance for diverse scientific and industrial applications. Users from science and industry with substantial computational needs use it to achieve their results faster and to solve bigger problems that are beyond the reach of ordinary clusters.
Trainer: Emanouil Atanasov
For more information about Avitohol please visit the NI4OS-Europe service catalogue.
- Avitohol Cloud** 
The Avitohol Cloud service allows users to launch virtual machines on servers from the Avitohol supercomputer. It allows user groups to launch long running virtual machines with substantial flexibility. It is used by diverse research groups with needs for both: advanced computing and data storage.
Trainer: Emanouil Atanasov
For more information about Avitohol Cloud please visit the NI4OS-Europe service catalogue.
- Simple storage service - Research data storing and sharing** 

NI4OS Training Platform You are currently using guest access (Log in)

RePol - Repository Policy Generator

Home / Courses / Towards EO SC / Generic NI4OS-Europe services / RePol

RePol

RePol - Repository Policy Generator is an open-source web application that guides users through the process of defining policies for repositories and web-based services. It helps in defining and maintaining comprehensive and clear repository and privacy policies. Generated privacy policies are suitable for any kind of service. RePol uses a step-by-step wizard and self-explanatory forms to guide users through the process. By choosing options in a form, users shape a policy document with predefined policy clauses formulated in line with the current best practice. The resulting policy document may be downloaded as an XML file, additionally customized, and integrated into the service or repository. The collected data and the key elements of the generated policy are provided in a machine-readable format. This allows for an automated interpretation of created policies and extraction of repository-level metadata for inclusion in registries, catalogues and various operational and data discovery tools. The resulting policy document may be downloaded, additionally edited, and integrated into a repository.

Number of attempts allowed: Unlimited
Number of attempts you have made: 1
Grade for attempt 1: 0%
Grading method: Highest attempt
Grade reported: 0%

Mode: Preview Normal

Enter

You are currently using guest access (Log in)

- RePol
- Data retention summary
- Policies

NI4OS-Europe is funded by the European Commission under the Horizon 2020 European research infrastructures grant agreement no. 857645



Marker Tools


Steps

- 1
- 2
- 3

Repository Policy Wizard

1. Access and launch the Wizard
2. Provide information
 - General information
 - Access to metadata
 - Access to content
 - Content policy
 - Submission policy
 - Versioning
 - Privacy policy
 - Harvesting
 - Curation
 - Preservation policy
3. Save the output

The Future of EOSC webinar, 9 June 2022



OUTLINE

Search

1. Introduction to RePol
2. Aims of this Course
3. Main Menu
4. General Information
5. What is RePol?
6. ---
7. RePol – Straightforward Interface – Policies

Training Events Materials

Towards EOSC

NI4OS Training Events



NI4OS Training Events

[Train the Trainers](#)

Training materials and recordings from the NI4OS-Europe Train the Trainers events.



NI4OS Training Events

[Capacity Building](#)

Training materials and recordings from the NI4OS-Europe Capacity Building events.



NI4OS Training Events

[End-Users Trainings](#)


Training materials and recordings from the NI4OS-Europe End-Users training events.

National Capacity Building Training - Serbia

[Home](#) / [Courses](#) / [NI4OS Training Events](#) / [Capacity Building](#) / [NCB-RS](#)

 [Announcements](#)

 [Open forum for discussion](#)

 [Utisci o sesiji posvećenoj projektu NI4OS-Europe](#)

Hvala Vam što ste prisustvovali sesiji povećenoj projektu NI4OS-Europe. Molimo vas da odgovorite na nekoliko kratkih pitanja o predavanjima koja ste pratili u okviru ove sesije. Anketa je anonimna i može se popuniti za manje od pet minuta.

Presentations

 [Na putu ka EOOSC-u: NI4OS-Europe](#)

Author: Milica Ševkušić

Introductory presentation at the NI4OS-Europe capacity building event in Serbia



Open Science Courses

Towards EOSC	NI4OS Training Events	Open Science	All Courses
<p>Open Science Open Science Training The Open Science Training Initiative (OSTI) provides a series of lectures on topics in data management and open science, designed to sit over existing...</p>	<p>Open Science Use Open Data in Teaching The objective of the course is to promote use of open research data in teaching. The course offers good practices and examples of lesson plans and...</p>	<p>Open Science Documentation, Metadata, Citation This course introduces the concepts of documentation and metadata.</p>	<p>Open Science Data Sharing, Preservation, and Licensing This course introduces a range of issues relating to the long term preservation, licensing and sharing of data with other researchers.</p>
<p>Open Science Organising Data This course introduces the concepts of research data organisation or housekeeping, explain why it is important, and what constitutes good data file...</p>	<p>Open Science Open Research Toolkit The Open Research Toolkit was created by Christopher Eaker during Faculty Development Leave, Fall 2021. While this toolkit was designed for librarians...</p>	<p>Open Science Reproducible Research This course covers topics related to skills, tools and best practices for research reproducibility.</p>	<p>Open Science Open Science and Innovation Understand open business models and responsible research and innovation (RRI) and how these can foster innovation.</p>
<p>Open Science Reproducible Research Using Jupyter Notebooks</p>	<p>Open Science Data Protection and Ethics</p>	<p>Open Science What is Open Science?</p>	<p>Open Science Ethics in Science</p>
			<p>Open Science FAIR Data and Software</p>



Learning Paths

Learning Paths



NI4OS Core Services


Learning path for the pre-production core services that will take you on a training journey across the main components of the NI4OS-Europe pre-production environment. Complete the material and pass the final quiz to get the NI4OS Core...



EUROPEAN OPEN SCIENCE CLOUD

EOSC/FAIR promotion

This learning path is the starting point for anyone who is interested to understand what EOSC is and how it can help researchers achieve their goals. It also provides all the necessary material for a better knowledge of FAIR principles.




ITSM & Service On-boarding

Learning path that takes you through all the necessary information and topics related to IT Service Management and the process of service on-boarding so that you are able to understand how to successfully prepare for the on-boarding...



Open Science Fundamentals

Learning path for Open Science Fundamentals that will take you on a training journey across the main topics related to Open Science. Complete the material and pass the final quiz to get the Open Science badge.



Open Science Policies - ORDM, FAIR, and tools

This learning path intends to introduce a potential user of open science initiatives or a service provider to the open science policies, mainly a description of FAIR data, ORDM, and how one can use related tools.


Open Science Fundamentals Learning Path

A diverse group of training materials will help you get acquainted with important topics related to Open Science and its implementation. This learning path is the starting point for anyone who is interested to understand what Open Science is and how it can help researchers achieve their goals.

How to proceed:


1. Follow the cards that will take you on a journey of different Open Science topics in several courses provided.
2. Complete each card by answering the short questions.
3. Take the quiz to complete the learning path and test your knowledge. If you pass the quiz successfully you will gain the Open Science badge.

 To save your progress and earn your badge you need to first log in and then self-enroll.

 All learning content and linked materials are available under the CC-BY licence.

Objectives

1. Understand [open access publishing](#)
2. Understand the fundamentals of data management and open data
3. Be informed about data policies legal aspects
4. Understand the concept of citizen science
5. Know how researchers can enhance the impact of science and research



Progress


2 Pages 1 Forum 6 URLs 7 Quizzes 1 Feedback

[Resume](#)

Activities



How to create a user and login on the platform?
User guide



Q & A
Having any trouble or doubts? Find an answer to your question, or post a new one.



How to enroll and navigate the learning path?
User guide

What is Open Science?

Understand what open science is and why it is something you should care about. Learn about expectations of research funders and how practising aspects of open science can benefit career progression.

1 URL 1 Quiz

Open Principles

To innovate in a field frequently implies moving against prevailing trends and cultural inertia. Open Science is no different. No matter how convinced you are, you will come across resistance from peers and colleagues, and the best defence is strong personal conviction that what you are doing may not be perfect now, but is the right decision in the long run. This module will introduce the guiding principles of the 'open movement', the d...

1 URL 1 Quiz

Open Access Publishing

Take a dive into Open Access (OA) publishing in the context of Open Science. Learn about advantages of open publication, how to find an OA publisher and a suitable repository to provide OA and archive work. Secure funding for Article Processing Charges (APCs) where applicable.

1 URL 1 Quiz

Open Call

<https://ni4os.eu/access/opencall/>



- ❑ Encouraging scientists to
 - ❑ perform their work, extract and publish results based on **Open Science FAIR principles**
 - ❑ use and test the **NI4OS-Europe services**



The project will fully support the usage of all provided services via the NI4OS-Europe helpdesk

Timeline

Technical review is completed
Scientific review is on-going



Received Applications -> 21



8

COMPUTATIONAL
PHYSICS



2

CLIMATE SCIENCE



4

DIGITAL CULTURAL
HERITAGE



5

LIFE SCIENCES



2

OTHER

