Let's open science!
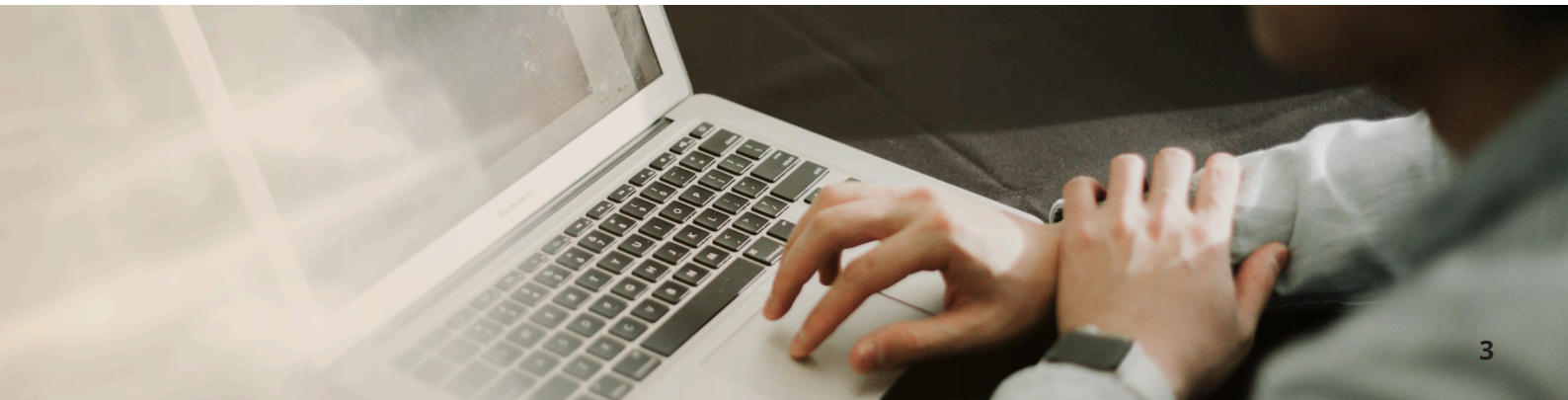
Course: Open Science in Practice

Participants will get expertise on open access and open science and be ready to implement them in practice. They learn about the process of scholarly communication, the historical circumstances that led to the emergence of the open access movement, and the evolution of the scientific publishing system to its current form. They also learn about current trends in online research visibility, open access publishing principles, data management (FAIR principles), and open educational resources (OERs).

The course has a modular structure, and it is divided into four separate modules. Each learning module is independent, allowing students to select only a specific module or modules to become experts in a specific area of open science.

Target groups (all modules): libraries, scientific and research institutions, universities, funders, policy makers or publishing houses.

Module: Open Science Basics (18 hours)

Participants gain a detailed insight into open science and open access philosophy. They become familiar with the history, terminology and principles of open access and open science. They also get an overview of intellectual property rights and public licences. Participants are able to demonstrate the impact of openness on professional and scholarly communication. Graduates acquire the skills necessary for quality research support, specifically suitable for positions in the field of scientific publishing, research information support, library services or in general—for anyone interested in an open science phenomenon.
After successful completion of the final exam, graduates receive an accredited certificate of completion.

Price: free of charge   Language: Slovak

Target Groups	Form	Number of participants	Duration
researchers librarians information specialists academic community	onsite (CVTI SR)	min. 10, max. 20	3 days x 6 hrs

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Module: Open Science Infrastructure (14 hours)

This module focuses on repositories and open access publishing platforms. By the end of the course, you will understand how to publish your work openly and be aware of the advantages and disadvantages. You get an insight into how digital repositories are built and what is needed to plan and realise such a project successfully. Participants become familiar with publishing open access content in repositories and on websites. They learn about digital publishing systems and will have an opportunity to experience one of them in practice. After successful completion of the final exam, graduates receive an accredited certificate of completion.

Price: free of charge   Language: Slovak

Target Groups	Form	Number of participants	Duration
researchers librarians information specialists academic community	onsite (CVTI SR)	min. 10, max. 20	2 days x 7 hrs or 3 days x 4,5 hrs

Module: Building Open Science Culture (16 hours)

At the end of this course, you will be able to recognize and define Open Science policies and mandates at different levels. We provide an overview of the processes related to policy development and how to ensure its effectiveness. You will also become familiar with the National Open Science Strategy developments and related projects. We will share how educators innovate their teaching with open educational resources and discuss the challenges and opportunities they face in terms of sharing educational resources. Last but not least, we will show you how to bring science closer to citizens and prepare a citizen science project.

The purpose of this module is to prepare participants for the systematic implementation of Open Science within their environment.

After successful completion of the final exam, graduates receive an accredited certificate of completion.

Price: free of charge   Language: Slovak

Target Groups	Form	Number of participants	Duration
researchers librarians information specialists academic community	onsite (CVTI SR)	min. 10, max. 20	4 days x 4 hrs or 3 days x 5 hrs

Module: Open Research Data (15 hours)

This module introduces all aspects of open data, and you will get familiar with the latest developments and their significance. You will understand the different types of data, what the FAIR principles are and will be able to ensure that your data meet them (make data findable, accessible, interoperable, and reusable). Next, you will experience e-tools for research data management, and finally, we will look at the future of data management and data publishing. It is designed to enable anyone to get started with discovering and using open data and understand the skills and processes required to make it work for you and your organisation. After successful completion of the final exam, graduates receive an accredited certificate of completion.

Price: free of charge   Language: Slovak

Target Groups	Form	Number of participants	Duration
researchers librarians information specialists academic community	onsite (CVTI SR)	min. 10, max. 20	4 days x 4 hrs or 3 days x 5 hrs

COURSE: Electronic Information Resources–Publishing Consultant

The course covers the creation, usage, evaluation, and management of electronic information resources (EIRs) for research and the academic community. It also focuses on scientific journals and related metrics and introduces various approaches to research assessment. Participants will gain an overview of electronic information resources. They learn the best search strategies, citation techniques and how to work with citation managers. You become familiar with unique identifiers and the scientific article writing process and learn to select the right research journal. We will present the challenges of the peer review process, scientific and publishing ethics, and copyright issues. Finally, the course will provide participants with an overview of open science, research assessment, e-science, research data management, and the future of libraries in the digital age.

Price: free of charge   Language: Slovak

Target Groups	Form	Number of participants	Duration
researchers librarians academic community	onsite (CVTI SR)	min. 10, max. 20	3 days x 7 hrs

Webinars

Stay current with free online expert talks. Online presentations on topics related to open science, research assessment and visibility, electronic information resources, and scholarly communication. We offer customized webinars tailored to users' requirements. Our webinars are in Slovak and free of charge. Discover. Learn. Succeed.

For more details and recordings of previous webinars, go to:

https://otvorenaveda.cvtisr.sk/category/webinare/

Topics
- academic publishing
- science and research online visibility
- trends in research assessment
- searching for e-journals and e-books
- searching licensed databases and electronic information resources
- searching open access resources

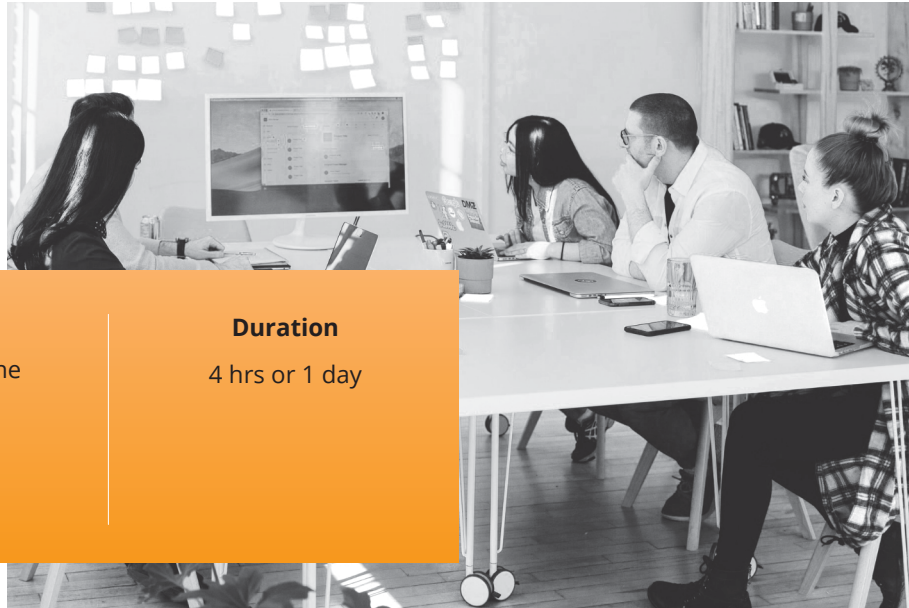| Target Groups	Duration
librarians students researchers academic community	1 hour

Workshops

We bring up-to-date topics based on the extensive experience of invited national and international experts. We regularly organise events for the academic and scientific community twice a year, in April and October. In spring, at our Workshop for the editors of (not only) open access journals, we also present the latest trends in open access publishing from the organisational, technical, and legislative points of view. In October, we celebrate the international Open Access Week, which focuses on different topics related to open science and global sharing of scientific knowledge and expertise. The presentations from all our events are available in the Zenodo repository.

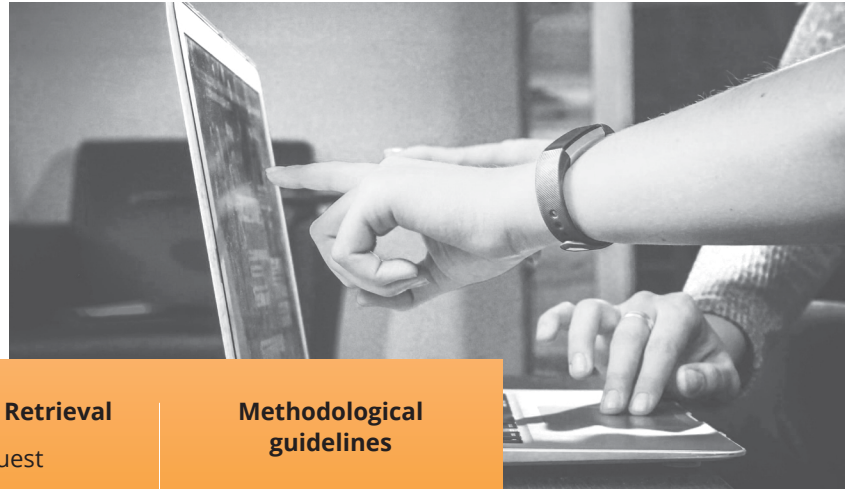| Target Groups	Form	Duration
researchers librarians academic community	onsite/online	4 hrs or 1 day

Consultations on open access/EIRs

You can contact us with questions on open science, open access publishing, research assessment, or the use of electronic information resources. For example, we advise the editors of open access journals or the scientists on how to publish the results of their research. Contact us, and we will respond professionally and promptly.

Target Groups	Information Retrieval	Methodological guidelines
librarians students researchers academic community	on request	Open Science Citizen Science Open Science Policies

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Publications

A Guide to the World of Scientific Publishing
(Sprievodca svetom vedeckého publikovania)

This publication makes readers familiar with the world of scholarly communication, from the dawn of the first scholarly journals to the latest trends in open publishing. It follows the journey of a scholarly article from its conception and writing, finding a trusted journal, avoiding the pitfalls of peer review to its final publishing. It gives an insight into research assessment, electronic information resources management, and the future of libraries in the digital age. An electronic version is available in the Zenodo repository: https://zenodo.org/record/3236329. If you are interested in the print version, contact us at zuzana.stozicka@cvtisr.sk.

A Guide to Creative Commons Licenses
(Sprievodca licenciami Creative Commons)

This guide provides information on public licenses and their use (not only) in the humanities and social sciences. It is a translation of the British Guide to Creative Commons for Humanities and Social Science Monograph Authors, adapted so that it brings the information relevant to the Slovak environment (e.g., copyright law and public licenses in Slovakia). The guide gives advice to academics and researchers about how and under which public license to publish their work. It can be also helpful to information specialists who need to gain knowledge in the field of publishing and the use of public licenses in order to provide relevant advice. Users will learn more about copyright and Creative Commons licenses in Slovakia and individual CC licenses, and how to choose the appropriate license and licenses used when publishing research data.

An electronic version available in the Zenodo repository:
https://zenodo.org/record/4955611#.Y3TchOSZOUk, or at otvorenaveda.cvtisr.sk.

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