

MODULE 7: RESEARCH DATA MANAGEMENT – THE BASICS

You learn to identify the relevant strategies and tools to implement research data management in your research practices.

- Life cycle of research data
- Adequate metadata documentation for your code and data
- Storing and publishing data
- Writing Data Management Plans (DMP) and using OpenBIS (ELN)

Participants: max. 20 (please bring your laptop)

Trainers: Federico Cantini, Fabian Felder (Lib4RI), experts from Eawag, Empa, PSI & WSL

SESSIONS

Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24

Thu, 08.12.2022, 9.00 - 12.00

PSI Villigen, PSI Education Centre, OSGA/OGO8

Mon, 21.11.2022, 9.00 - 12.00

WSL Birmensdorf, Flurysaal

Wed, 23.11.2022, 09.00 - 12.00

REGISTRATION

Each venue is open to all members of the four research institutes Eawag, Empa, PSI and WSL. Please register online at www.lib4ri.ch/services/trainings.html (closes a couple of days prior to each event).

COURSE NOTES

Presentation slides and supplementary material will be available for download from our trainings website at www.lib4ri.ch/services/trainings.html a couple of days prior to the sessions.

ECTS CREDIT POINTS

On request, students attending at least 4 modules will receive a **recommendation for 1 ECTS credit point**.

TRAINING ON DEMAND

- We are happy to visit your group or department to discuss individual topics
- Customised training sessions at all locations of the federal research institutes can be arranged
- Contact us for your training on demand

LIB4RI – LIBRARY FOR THE RESEARCH INSTITUTES WITHIN THE ETH DOMAIN: EAWAG, EMPA, PSI & WSL

As a scientific library, we provide all affiliates of the four research institutes with literature and technical information, both electronic and printed, for research, teaching and consulting.

CONTACT

Lib4RI – Library for the Research Institutes within the ETH Domain: Eawag, Empa, PSI & WSL

Phone: +41 58 765 5700

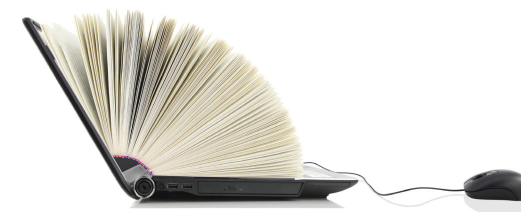
info@lib4ri.ch

www.lib4ri.ch

LIB4RI TRAINING SERIES

Searching & Managing Scientific Information

Lib4RI's introductory course for PhD students and other affiliates of Eawag, Empa, PSI and WSL



MODULES

- 1: Searching Scientific Information
- 2: Scientific Publishing – From Writing to Sharing
- 3: Open Access & Copyright
- 4: Literature Management with EndNote
- 5: Getting Started with LaTeX
- 6: Work on Your Own Project
- New** 7: Research Data Management – The Basics

COURSE SITES

Eawag: Dübendorf

Empa: Dübendorf

PSI: Villigen

WSL: Birmensdorf

Online registration: www.lib4ri.ch/services/trainings.html

MODULE 1: SEARCHING SCIENTIFIC INFORMATION

You become skilled in finding relevant scientific information using suitable tools offered by Lib4RI.

- How to use Lib4RI's resources for quick information retrieval
- Formulating systematic search queries including Boolean operators, wildcards and truncations
- Examples/exercises from the swisscovery library catalogue, Scopus and Web of Science

Participants: max. 20 (please bring your laptop)

Trainers: Isabelle Fischer, Bobby Neuhold

SESSIONS

Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24

Tue, 18.10.2022, 9.00 - 12.00

PSI Villigen, PSI Education Centre, OSGA/OGO8

Tue, 04.10.2022, 9.00 - 12.00

WSL Birmensdorf, Flurysaal

Thu, 13.10.2022, 9.00 - 12.00

MODULE 2: SCIENTIFIC PUBLISHING – FROM WRITING TO SHARING

You will be guided through the scientific publication process from start to finish.

- Steps prior to writing a paper
- Grammar and writing style
- Tips on the publication process
- Author identification, impact and visibility

Participants: max. 20 (please bring your laptop)

Trainers: Nina Helg-Kurmann, Laura Konstantaki

SESSIONS

Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24

Wed, 16.11.2022, 09.00 - 12.00

PSI Villigen, PSI Education Centre, OSGA/OGO9

Wed, 02.11.2022, 09.00 - 12.00

WSL Birmensdorf, Flurysaal

Wed, 26.10.2022, 09.00 - 12.00

MODULE 3: OPEN ACCESS & COPYRIGHT

You gain knowledge on the principles of Open Access (OA) publishing and learn how to deal with copyright questions related to scientific works.

- Apply OA to your publications and gain more impact for your research
- Funding opportunities for OA publications
- How to make your publications OA in the repository DORA
- Principles of copyright and their applications in science
- Creative Commons (CC) licences and how to use them
- Copyright transfer agreements and author rights

Participants: max. 20 (please bring your laptop)

Trainers: Jochen Bihn, Lothar Nunnenmacher

SESSIONS

Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24

Wed, 16.11.2022, 13.00 - 16.00

PSI Villigen, PSI Education Centre, OSGA/OGO9

Wed, 02.11.2022, 13.00 - 16.00

WSL Birmensdorf, Flurysaal

Wed, 26.10.2022, 13.00 - 16.00

MODULE 4: LITERATURE MANAGEMENT WITH ENDNOTE

You get introduced to scientific literature management with EndNote.

- How to import and organise literature information including fulltext PDFs
- Citing references and creating bibliographies in your scientific document using EndNote's Cite-While-You-Write (MS Word plugin)
- How to modify/create output styles using EndNote's style editor

Participants: max. 12 (computers provided)

Trainers: Stephanie Hofmann, Bobby Neuhold

SESSIONS

Eawag-Empa Dübendorf, Forum Chriesbach, FC-B15

Tue, 08.11.2022, 9.00 - 12.30 or

Fri, 18.11.2022, 9.00 - 12.30 or

Wed, 23.11.2022, 9.00 - 12.30

MODULE 5: GETTING STARTED WITH LATEX

You are guided in creating your first LaTeX document, with special attention to scientific writing oriented features. The course is for LaTeX beginners.

- A not so short summary of LaTeX basics
- Tables, figures and formulae
- The LaTeX error log and common errors to avoid
- BibTeX and citation styles

Participants: max. 20 (please bring your laptop)

Trainers: Federico Cantini, Frank Hösli

Required: Please have LaTeX installed on your laptop. Brief instructions for example installations will be available on our trainings website at www.lib4ri.ch/services/trainings.html ca. 1 week prior to the sessions. Please contact us before the course should you require assistance with your installation.

SESSIONS

Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24

Mon, 28.11.2022, 09.00 - 16.00 or

Wed, 30.11.2022, 09.00 - 16.00

PSI Villigen, PSI Education Centre, OSGA/OGO8

Wed, 09.11.2022, 09.00 - 16.00

MODULE 6: WORK ON YOUR OWN PROJECT

You work on your own literature project receiving individual assistance.

- Develop your search strategy and set up your systematic topic search with bibliographic databases such as Scopus & Web of Science
- Critically evaluate your search results
- Tweak your reference management & citation tools (particularly EndNote)

Participants: max. 20 (please bring your laptop)

Trainers: Stephanie Hofmann, Bobby Neuhold

SESSIONS

Eawag-Empa Dübendorf, Forum Chriesbach, FC-B81

Tue, 06.12.2022, 9.00 - 12.00

PSI Villigen, PSI Education Centre, OSGA/UGO3

Thu, 01.12.2022, 9.00 - 12.00