

## Beyond open access: Open science in the Finnish research infrastructure

Pekka Nygren; [pekka.nygren@metsatiede.org](mailto:pekka.nygren@metsatiede.org)

Finnish Society of Forest Science, Helsinki, Finland

Ilmari Jauhiainen; [ilmari.jauhiainen@tsv.fi](mailto:ilmari.jauhiainen@tsv.fi)

Open Science and Research Coordination, Federation of Finnish Learned Societies, Helsinki, Finland

Janne Pölönen; [janne.polonen@tsv.fi](mailto:janne.polonen@tsv.fi)

Publication Forum, Federation of Finnish Learned Societies, Helsinki, Finland

Sami Syrjämäki; [sami.syrjamaki@tsv.fi](mailto:sami.syrjamaki@tsv.fi)

Federation of Finnish Learned Societies, Helsinki, Finland

### Spoken text

#### 1 (Title)

Pekka: Hello. I am Pekka Nygren, managing editor with the Finnish Society of Forest Science, which is a learned society and a non-profit open access publisher.

Janne: Hello. I am Janne Pölönen, Secretary General for the Publication Forum at the Federation of the Finnish Learned Societies.

Pekka: In this video, we summarise some open science initiatives in Finland, with emphasis on publishing. Open access publishing may be considered just the first, yet an important, step towards research openness. Open access has raised also some unwanted side effects like predatory journals and very high article processing charges. We argue that a really open science infrastructure will help to combat these phenomena and will help to enhance the quality of science publishing. In Finland, the scientific community has taken the initiative for developing open science. The effort is supported by the Federation of Finnish Learned Societies and coordinated by something called OScaR.

Janne, tell us what is OScaR?

#### 2 (What is OScaR?)

Janne: In Finland, the Federation of Finnish Learned Societies supports and coordinates the efforts of the scientific community for developing open science through the national Open Science and Research Coordination, that is OScaR. OScaR aims to integrate open science into the Finnish research infrastructure through national policies and open science services, like the open access publishing platform Journal.fi.

#### 3 (How does journal.fi work?)

Pekka: Journal.fi is based on the open source publishing software Open Journal Systems. The site is flexible for branding individual journals – this is not a faceless megajournal. It offers up-to-date technology for the non-profit journals, including wide indexing and data base services. Currently, the site hosts ca. 120 diamond open access journals and ca. 20 journals applying embargo. The service is free for the member societies of the TSV and very cheap for other non-profit publishers.

#### 4 (Why Helsinki Initiative is important?)

Janne: Helsinki Initiative on Multilingualism in Scholarly Communication was launched in 2019 to foster an environment that values multilingual scholarly communication, science communication and open access to

scholarly publications in all languages. Open Science cannot reach its goal of broad access to research results, interaction between science and society, and public understanding of science, without multilingualism.

In the next slide we see how the principles developed by OScAR have been put into practice by a learned society.

#### 5 (Everyone's right)

Pekka: In the Nordic countries, everyone has a traditional open access to forests. This millennial, customary right is called Everyone's Right. The right lets us for example, freely enjoy the nature, pick berries and mushrooms, and camp for a few nights in the forest. In the spirit of this tradition, we in the Finnish Society of Forest Science think that everyone should have also access to the results of forest sciences, without any pay-wall. Thus, we call our open science programme "Everyone's right to forest science". The programme includes open access journals in English and in Finnish. We also offer open access to our archives since 1913 and we have advanced plans for starting to require data and code openness as a condition for publishing in our journals.

#### 6 (Conclusions)

Janne: Open science must be seen as a part of the research infrastructure. In the Finnish model, the research community participates in the developed and implementation of these services in a coordinated manner. Open and responsible research infrastructure enhances, among its wider objectives, the quality of published research.