



# Common Standards

## OPERAS Working Group

### Focus and scope:

The current multiplicity of research practices, dissemination mediums and content types raises questions of accessibility and usability of digital scholarly output and entails new roles for publishers and infrastructure providers.

The Working Group on common standards

- Explores recently emerged workflows, mediums and technical standards related to academic publishing
- identifies key operational and technical aspects to be addressed by digital publishing infrastructures and service providers
- highlights the importance of common standards, and trace the standards required to ensure content quality, availability and discoverability

### Key areas for the implementation of standards

#### 1 | Content quality and impact assessment

- ▶ Validation criteria
- ▶ Users' increased engagement
- ▶ Transparent publishing workflows
- ▶ Metrics / altmetrics

#### 2 | Interoperability

Content harvest / aggregation: data available to third party applications

Capacity for data exchange and identification across systems

Semantic interoperability

#### 3 | Availability

**Resources and metadata:** support online browsing, content downloading, advanced search options and combined content retrieval features

**Identification:** persistent identifiers for content (DOI, handle), contributors (ORCID), funding agents (Fundref)

**Licensing:** proper licensing to prevent copyright infringements and define the terms of content reuse and distribution

**Preservation:** provision for remote copies and relevant metadata entries, automated processes for remote backup of digital content

#### 4 | Processability

Enriched workflows applied across publishing platforms

- native authoring
- Online submission and peer review

Multiple output formats

### Towards an integrated publishing ecosystem

- Mapping of partners' publishing workflows, technical and content quality standards
- HIRMEOS – technical improvements and alignment of publishing and indexing platforms
- Recommendations for a common set of standards to be applied and provided by OPERAS



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