

Working Group:

Towards Open Infrastructures for Responsible Research Assessment

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Introduction

Objectives:

Open research information is crucial for responsible research assessment, which needs data, tools, infrastructures that secure transparency, reproducibility, geographic-discipline-output coverage in data and indicators. Their sustainability, interoperability, openness, and community-based accountability are key to the reform.

This working group's mission is to enable institutions to move from proprietary infrastructure and research information, to open (interoperable) alternatives—in support of the transition to responsible research assessment practices. This effort will take into consideration the wide range of research outputs and open science practices, and address the diversity of the global research community.

objectives:

- Enrol and engage a Community of Practice (CoP) of both open infrastructure providers and Responsible Research Assessment stakeholders. The role of this CoP will include working together to develop practical solutions for optimal use of existing open infrastructures.
- Carry out systematic analysis of longer-term scenarios for moving toward open, interoperable, sustainable, community-governed OI4RRA.
- Conduct a scenario analysis, as the basis for an OI4RRA implementation plan, focusing on agreed principles, governance models that ensure inclusive and equitable participation, and sustainability models informed by a detailed analysis of the expected costs.

- Submit implementation recommendations to CoARA members and the CoARA board

Research assessment generally relies on proprietary databases often using proprietary analytic tools. The existing OI community has created and operates open solutions (e.g., OpenAIRE, OpenCitations, COKI, OpenAlex, Semantic Scholar), which, with very few exceptions, have yet to find their way in official research assessment operations. As research becomes more digital and research assessment practices are moving towards inclusion of increased diversity of research outputs (data, software, protocols, etc.) and practices (open science, innovation), the need for an interconnected and decentralised open infrastructure ecosystem is increasingly evident.

The Working Group (WG) will focus on mobilising existing Open Infrastructures for RRA, while also establishing a path toward a global OI4RRA ecosystem.

List of all affiliated organisations

OpenAIRE, Leiden University (CWTS)

Consiglio Nazionale delle Ricerche (CNR)

Federation of Finnish Learned Societies (TSV)

Ss Cyril and Methodius University in Skopje

University of Minho, Masaryk University

OpenCitations, University of Debrecen

Trinity College Dublin, University of Bologna

Universities Norway, NIFU (Nordic institute for studies of innovation, research and education)

EIFL

Netherlands Research Council (NWO)

COKI (Australia) *

National Institute of Informatics (NII, Japan) *

Michael J. Fox Foundation (United States) *

Technische Universiteit Delft

West and Central African Research and Education Network (WACREN, Ghana) *

Vrije Universiteit Amsterdam (Netherlands)

UEFISCDI (Romania)

University of Ljubljana (Slovenia)

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