



Leveraging PIDs to Implement Open Science Aware Responsible Research Assessment

Clifford Tatum 



Co-funded by
the European Union





Leveraging PIDs

to implement Open Science aware Responsible Research Assessment

Clifford Tatum, SURF / CWTS

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FAIRCORE4EOSC
Core Components Supporting a FAIR EOSC

<https://faircore4eosc.eu>

**graspos**
open research assessment dataspace

<https://graspos.eu>



Funded by
the European Union



A multidisciplinary consortium

Infrastructure experts



RRA + OS experts



Communities



Consiglio Nazionale
delle Ricerche



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



Federation of Finnish
Learned Societies



UNIVERSITY OF
EASTERN FINLAND



CSC



Faculty of Chemistry
University of Belgrade



Utrecht
University



TÜBİTAK

Open science aware responsible research assessment



graspos |||

GraspOS at a glance

GraspOS aims to support the emerging policy reforms and pave the way towards an **open science aware responsible research assessment** system

GraspOS will develop, assess and operate an **open and trusted federated infrastructure** for next generation research metrics and indicators, offering data, tools, services and guidance

Core elements of GraspOS:

- Open Science Assessment Framework
- Open and Federated Research Assessment Infrastructure
- GraspOS pilots
- GraspOS community of practice + CoARA OI4RRA working group

Budget: 2.985M

Start date: 1/1/2023

Duration: 36 months

Open Science Assessment Framework

The Open Science Assessment Framework (OSAF) is focused on translating OS and RRA principles into practice. This encompasses the full assessment process.

The framework design includes

1. **the SCOPE+i method**
2. **a digital assessment portfolio**
3. **an assessment registry**

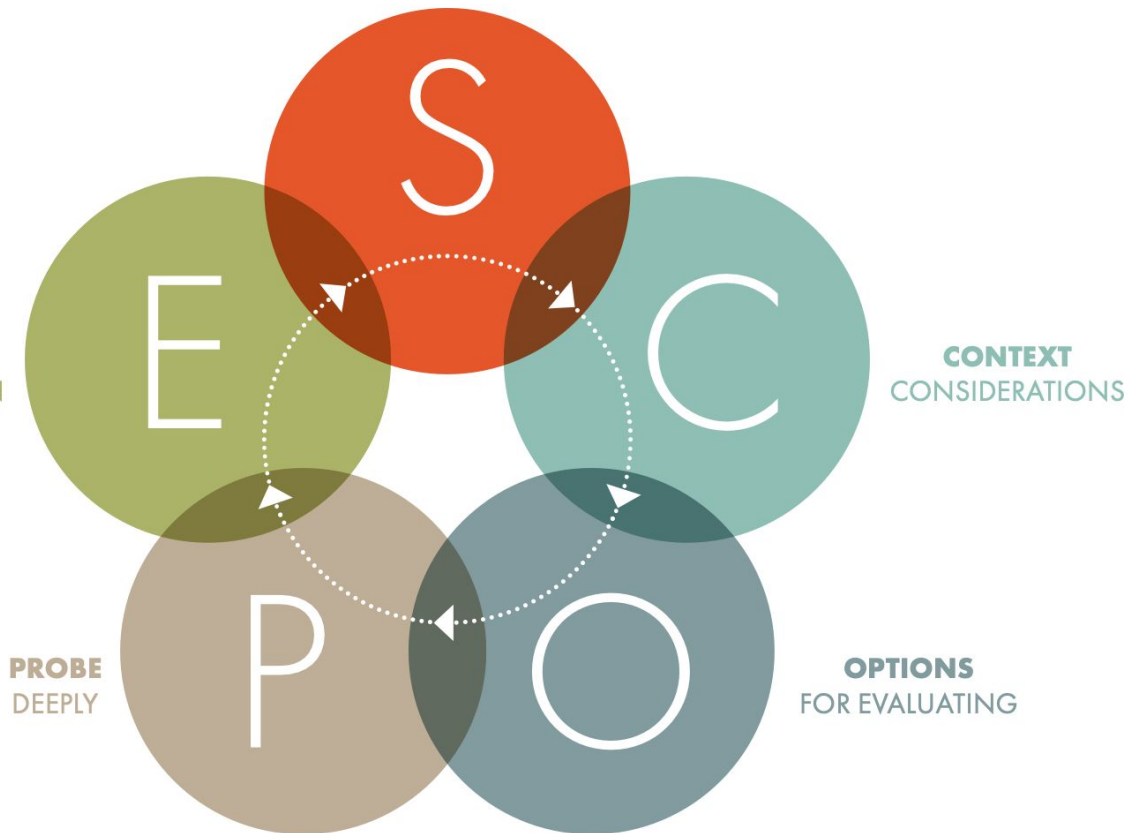
Together, these elements form the OSAF framework and support the full assessment process.



START WITH WHAT YOU VALUE

inorms SCOPE

**EVALUATE
YOUR EVALUATION**



on context

Our approach to research assessment begins with the premise that context, purpose and values inform the assessment protocol, and that each context is different.

OSAF: Translating Principles to Practice

Open Science Assessment Framework (OSAF)

SCOPE+i Method

- assessment-specific infrastructure
- assessment resources
 - RRA in general
 - OS in particular

Assessment Portfolio

- Narrative + Evidence
- Diversity of inputs & roles
- Researcher/group/institution
- facilitates collaboration

Assessment Registry

- Contextualized assessment
- Searchable database
- transparency & reuse
- community resource

Qualitative inputs

qualities	input
Values	Value statement (template)
Context	Contextual factors (template)
Purpose	Purpose statement (template)
Readiness	Infrastructure & culture change
Meaning	Narrative(s)
Peer review	Expert judgement

RA  iD

What a RAiD metadata record looks like

<https://raid.org/10.25.10.1000/j6k28>



Title (primary) Lorem Ipsum Project

Title (acronym) LIP

Start date 2023-01-30

Description (short) Lorem ipsum dolor sit amet, consectetur adipiscing elit.



Principle investigator orcid.org/0000-0002-3843-0000 **Date:**

Role <https://credit.niso.org/contributor-roles/conceptualization/>

Co-investigator orcid.org/0000-0002-3639-2080 **Date:**

Role <https://credit.niso.org/contributor-roles/data-curation/>



Lead organisation ror.org/00rqy9422

Partner organisation ror.org/03b94tp07



Grant doi.org/10.8948/908234D93EAF

Dataset doi.org/10.1594/PANGAEA.726855

Article doi.org/10.1038/nphys1170

Instrument doi.org/10.1337/jdlc-tima

Sample XXAB000IH



Local storage uq.edu.au/114/32

Cloud storage 79.152.127.243



Sub-project <https://raid.org/10.3010/401XQPOI>

Assessment Portfolio

AP specification
(based on RAiD)

AP templates (by level of aggregation)

Individual
(tenure, hiring, review)

Group
(project, team, faculty)

Institution
(university)

community
(horizontal)

Individual
(Openness Profile)

country
(exploratory)

RAiD service point
-mint DOI
-global search
-GUI admin
-API

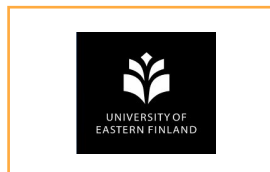
AP instances

GraspOS pilots

Countries



Research performing organizations



Disciplines



DOI 10.5281/zenodo.11091512

Deliverable 2.2 Open Science Assessment Framework

Due Date of Deliverable	31/12/2023
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Abstract

This deliverable outlines the concept and development of the Open Science Assessment Framework (OSAF) in the GraspOS project. OSAF aims to provide an assessment framework that reflects on OS-aware responsible assessment and OS research practices. The deliverable is an introduction to the OSAF concept and related co-development implementation factors.



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<https://zenodo.org/records/11091512>

Openness Profile:

mobilizing PIDs to increase visibility of open scholarship

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 Siobhann McCafferty, ARDC

 Josh Brown, ORCID

PIDapalooza Dublin, 23 January 2019

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