

SCOPE+i Resources for an open science (OS) aware responsible research assessment (RRA) process

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What are SCOPE+i Resources?

Resources (earlier in the GraspOS project referred to as OSAF resources)

- are practical documents in forms of guides, templates and checklists
- based on what is already published
- support understanding of SCOPE Framework for evaluating research in a responsible way
- disseminate concept of open science (OS) aware responsible research assessment (RRA)
- provide templates for the use of organizations to fit their needs
- provide considerations and guides for all phases of research assessment process

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Why to familiarize and adopt SCOPE+i Resources?

Resources

- are aligned with the SCOPE Framework (INORMS)
- aim to facilitate the transition towards RRA with particular focus on contributions to Open Science (OS)
- help to understand the complexities of RRA reform
- support the structured organization of research assessment process and information from initial planning through to the publication of assessment protocols
- can be used for assessment of researchers and different types and sizes of research entities like organizations, countries or all disciplines.
- can be used and customized by organizations to fit their needs.
- are useful also in training/orientation sessions e.g., for new employees or PhD students.

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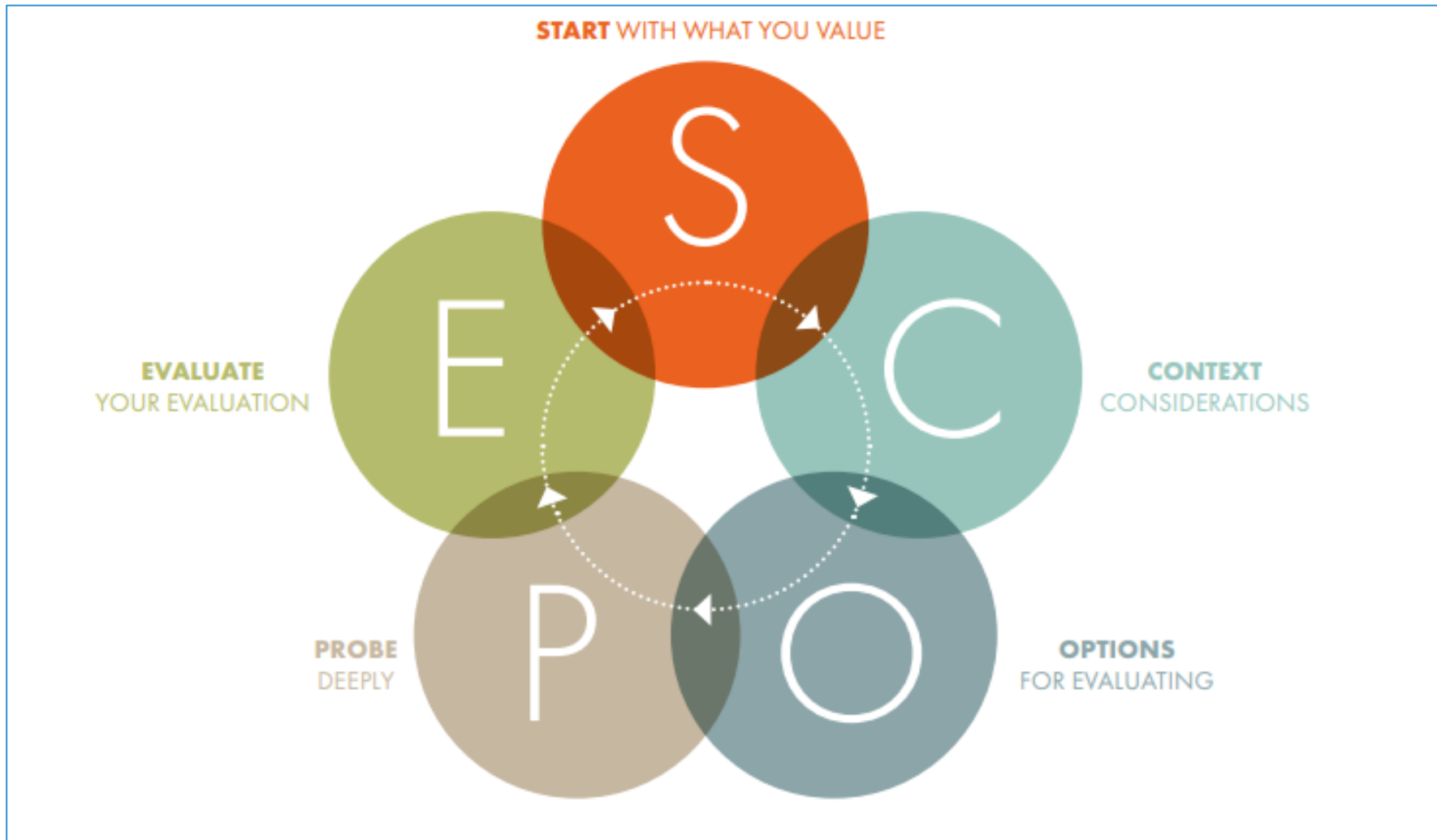
SCOPE Framework is practical step-by-step process

[SCOPE Framework](#) (INORMS) is a five-stage model for evaluating responsibly

- designed to help research managers, or anyone involved in conducting research evaluations, in planning new evaluations as well as checking existing evaluations.
- SCOPE is an acronym, where S stands for START with what you value, C for CONTEXT considerations, O for OPTIONS for evaluating, P for PROBE deeply, and E for EVALUATE your evaluation.

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International Network of Research Management Societies (INORMS) - Research Evaluation Group (2023). The SCOPE Framework. The University of Melbourne. Report. <https://doi.org/10.26188/21919527.v1>



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The SCOPE Principles

The five stages of SCOPE operate under three main principles:

1. Evaluate only where necessary.

Evaluation is not always the right strategy. When it comes to incentivising behaviours, for example, it may be more fruitful to enable them than to evaluate them.

2. Evaluate with the evaluated.

Any evaluation should be co-designed and co-interpreted by the communities being evaluated.

3. Draw on evaluation expertise.

We should apply the same rigour to our evaluations that we apply to our academic research.

START with what you value

- Clearly articulate what you value about the entity being evaluated
- Not with what others' value (external drivers)
- Not with available data sources (the 'Streetlight Effect')

CONTEXT considerations

- Ensure your evaluation is context-specific
- WHO are you evaluating? (Entity size and discipline)
- WHY are you evaluating?

OPTIONS for evaluating

- Consider both quantitative and qualitative options
- Be careful when using quantities to indicate qualities

PROBE deeply

- WHO might your evaluation approach discriminate against?
- HOW might your evaluation approach be gamed?
- WHAT might the unintended consequences be?
- CONSIDER the cost-benefit of the evaluation

EVALUATE your evaluation

- Did your evaluation achieve its aims?
- Was it formative as well as summative?
- Use SCOPE to evaluate your evaluation.

SCOPE+i Resources are aligned with SCOPE phases

SCOPE+i RESOURCES	S	C	O	P	E
Guide for assembling an assessment team G	●	●			
Value statement template T	●				
Purpose and context statement template T		●			
Guide on choosing an assessment method G			●	●	
Stakeholder mapping template T	●	●			
Indicators guide 1: Responsible use of indicators G			●	●	
Indicators guide 2: Frameworks and toolboxes for open research G	●	●	●	●	●
Open Science assessment guide G	●	●			
Guide on the diversity of OS contributions, roles and activities G			●	●	
Guide on promoting OS contributions in a narrative CV G			●	●	
Guide on equity, diversity and inclusion (EDI) in research assessment G	●	●			
Checklist for responsible research assessment C	●	●	●	●	●
Guide for evaluating the assessment process G					●
Guide on principles for responsible research assessment for evaluators and evaluands G			●	●	
Assessment readiness template T	●	●			
Guide for overcoming common obstacles in implementing RRA G			●	●	
Institutional assessment process checklist C			●	●	

G = GUIDE **T** = TEMPLATE **C** = CHECKLIST

Contents of the SCOPE+i Resources

SCOPE+i Resources are in three formats: guides, templates and checklists

Topics:

- maturity and capacities, actors & stakeholders and values of a RRA process
- considerations for assessing open science
- reflection of RRA process

SCOPE+i Resources can be applied in all research assessment phases such as

- reflecting assessment readiness
- designing assessment
- performing assessment and
- Evaluation & dissemination assessment

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Where can you find SCOPE+i Resources?

Resources can be downloaded in [Zenodo community GraspOS Templates & Guidelines with CC0 license](#)

- CC0 enables reusers to distribute, remix, adapt, and build upon the material in any medium or format, with no conditions.

SCOPE+i Resources are also indexed into the [GraspOS Infrastructure](#)

- The infrastructure has user friendly front-end UI for searching SCOPE+i Resources e.g., by relevant SCOPE stage



List of the SCOPE+ i Resources

- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Guide for assembling an assessment team. Zenodo. <https://doi.org/10.5281/zenodo.15525548>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Value statement template. Zenodo. <https://doi.org/10.5281/zenodo.15524532>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Purpose and context statement template. Zenodo. <https://doi.org/10.5281/zenodo.15525469>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Guide on choosing an assessment method. Zenodo. <https://doi.org/10.5281/zenodo.15525721>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Stakeholder mapping template. Zenodo. <https://doi.org/10.5281/zenodo.15525686>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Indicators guide 1: Responsible use of indicators. Zenodo. <https://doi.org/10.5281/zenodo.15526168>
- Tatum, Clifford (2025). GraspOS SCOPE+i Resource: Indicators Guide 2: Frameworks and toolboxes for open research. Zenodo. <https://doi.org/10.5281/zenodo.17181862>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Open Science assessment guide. Zenodo. <https://doi.org/10.5281/zenodo.15525630>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Guide on the diversity of OS contributions, roles and activities. Zenodo. <https://doi.org/10.5281/zenodo.15526089>
- Koivisto, Elina, & Sipola, Tiina (2025). GraspOS SCOPE+i Resource: Guide on promoting OS contributions in a narrative CV. Zenodo. <https://doi.org/10.5281/zenodo.15525987>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Guide on equity, diversity and inclusion (EDI) in research assessment. Zenodo. <https://doi.org/10.5281/zenodo.15526122>
- Koivisto, Elina, & Sipola, Tiina (2025). GraspOS SCOPE+i Resource: Checklist for responsible research assessment. Zenodo. <https://doi.org/10.5281/zenodo.15524455>
- Koivisto, Elina, & Sipola, Tiina (2025). GraspOS SCOPE+i Resource: Guide for evaluating the assessment process. Zenodo. <https://doi.org/10.5281/zenodo.15526189>
- Koivisto, Elina, & Sipola, Tiina (2025). GraspOS SCOPE+i Resource: Guide on principles for responsible research assessment for evaluators and evaluands. Zenodo. <https://doi.org/10.5281/zenodo.15526025>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Assessment readiness template. Zenodo. <https://doi.org/10.5281/zenodo.15525577>
- Koivisto, Elina, & Sipola, Tiina (2025). GraspOS SCOPE+i Resource: Guide for overcoming common obstacles in implementing RRA. Zenodo. <https://doi.org/10.5281/zenodo.15526054>
- Sipola, Tiina, & Koivisto, Elina (2025). GraspOS SCOPE+i Resource: Institutional assessment process checklist. Zenodo. <https://doi.org/10.5281/zenodo.15526008>



Let's make it happen! Together.

THANK YOU



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