



Aalto University
School of Science



Emergent Principles and Practices of Open Science and Innovation of University Research Teams in a Digital World

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“Open Science is transparent and accessible knowledge that is shared and developed through collaborative networks”

(Vicente-Saez and Martinez-Fuentes, 2018)

<https://doi.org/10.1016/j.jbusres.2017.12.043>

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Open Science Training Handbook

A group of fourteen authors came together in February 2018 at the TIB (German National Library of Science and Technology) in Hannover to create an open, living handbook on Open Science training. High-quality trainings are fundamental when aiming at a cultural change towards the implementation of Open Science principles. Teaching resources provide great support for Open Science instructors and trainers. The Open Science training handbook will be a key resource and a first step towards developing Open Access and Open Science curricula and andragogies. Supporting and connecting an emerging Open Science community that wishes to pass on their knowledge as multipliers, the handbook will enrich training activities and unlock the community's full potential.

<https://www.fosteropenscience.eu/node/2219>

OSI ISSUE BRIEFS

WHAT DO WE MEAN BY OPEN?

"Open scholarship" is a loose umbrella term for the broad and growing interest in providing more openness and transparency to the research process and its outputs. While discussions of open in the early years of the century focused almost exclusively on peer reviewed journal literature, primarily in the sciences, there is now considerable interest in developing more openness across the entire life cycle of scholarship.

ISSUE BRIEF 1
VERSION 1.0
DECEMBER 2018
BY T. SCOTT PLUTCHAK

This interest has been driven by a belief that more openness and more transparency will increase the benefits of scholarship to all of society. Openness helps build trust, and the ability to more rapidly share the results of scholarship globally may increase cooperation and the speed with which new knowledge can be put to use to find solutions to the most challenging problems facing humanity.

However, discussions concerning the desirability of any approach to open can run aground when the participants in the discussion don't have a shared understanding of how the terms in the discussion are being defined. Globally, approaches to open may vary considerably, affected by economics, infrastructure, history and politics.

While the word "open" has become ubiquitous in discussions around providing greater access to scholarship, there is no generally accepted definition of the term that is applicable in all cases. In this OSI brief, we touch on the many ways in which terms under the open scholarship umbrella are used, and recommend a framework that may be helpful in assess-

The Open Scholarship Initiative (OSI) is a diverse, inclusive, global network of high level experts and stakeholder representatives working together in partnership with UNESCO to develop broadly accepted, comprehensive, sustainable solutions to the future of open scholarship that work for everyone everywhere. This document reflects the input of the author(s) listed here as well as contributions from other OSI participants. The findings and recommendations expressed herein do not necessarily reflect the opinions of the authors or all OSI participants, nor their agencies, trustees, officers, or staff.

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<http://osiglobal.org/2018/11/15/osi-brief-what-do-we-mean-by-open/>

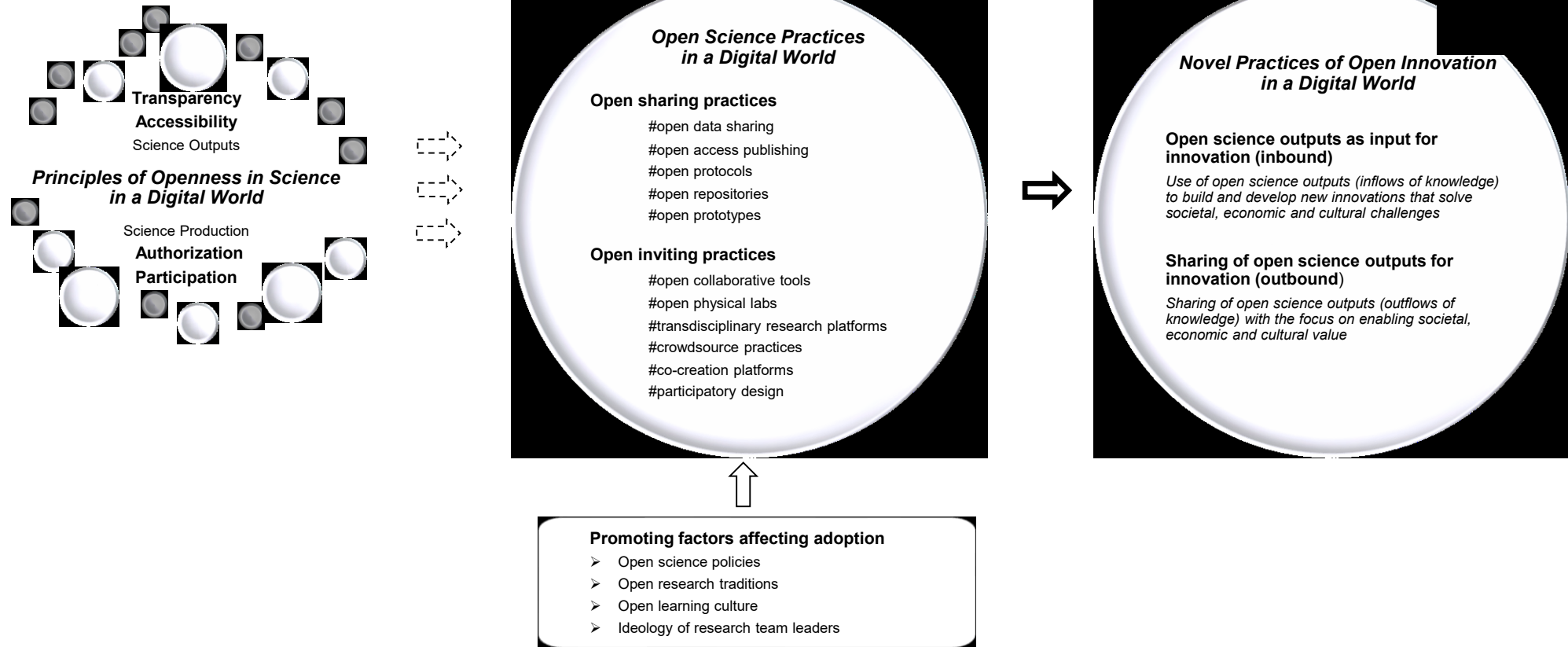


Figure 1. A conceptual model for the governance of open science and innovation at universities in a digital world



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Open science, innovation, and learning are
drivers of an open, visionary, and fertile university
that explores the borders of knowledge to create
the future



SUGGESTIONS / CONTACT

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