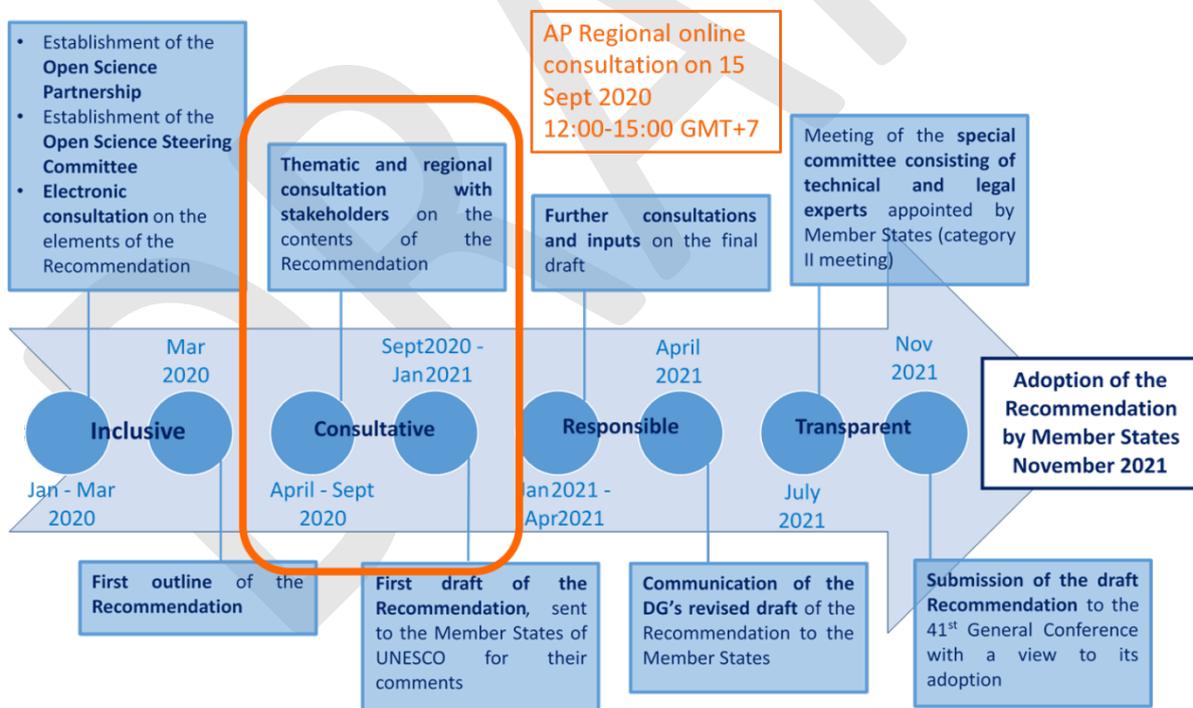




Towards a Global Consensus on Open Science Inputs from Asia-Pacific region to the UNESCO Recommendation on Open Science Asia-Pacific Online Regional Consultation Tuesday 15 September 2020 12:00-15:00 GMT+7

The draft Table of Content and key messages of the Recommendation on Open Science developed by the Global Advisory Committee (meeting on 16-17 July 2020)



Global Road Map of the Recommendation on Open Science (UNESCO, 2020)

The Asia and the Pacific consultation meeting is a follow up to the UNESCO Office Jakarta Open Science and Networked Societies 4.0 Meeting in September 2019 and Global Open Science Survey (February-June 2020). This meeting is also part of a series of regional consultations aimed at building a global consensus on open science. It will provide a platform

to provide inputs from Asia and Pacific scientists, science funders, policy makers, innovators, publishers and other concerned stakeholders to the UNESCO Recommendation on Open Science.

UNESCO Recommendations are legal instruments in which “the General Conference formulates principles and norms for the international regulation of any particular question and invites Member States to take whatever legislative or other steps may be required in conformity with the constitutional practice of each State and the nature of the question under consideration to apply the principles and norms aforesaid within their respective territories”. Emanating from the Organization’s supreme governing body, recommendations are intended to influence the development of national laws and practices.

The Recommendation on Open Science is expected to define shared values and principles for Open Science, and identify concrete measures including on Open Access and Open Data, with proposals to bring citizens closer to science and commitments facilitating the production and dissemination of scientific knowledge around the world.

The draft outline and key elements of the Recommendation on Open Science include:

- Preamble
- I. Aim and objectives of the Recommendation
- II. Definition of Open Science
 - Key elements
 - i. Open Access
 - ii. Open Data
 - iii. Open Source/Software and Open Hardware
 - iv. Open Science Infrastructures
 - v. Open Evaluation
 - vi. Open Educational Resources
 - vii. Open Engagement of Societal Actors
 - Openness to Diversity of Knowledge
 - Key objectives
 - Key Open Science actors
 - i. Researchers
 - ii. Leaders
 - iii. Educators
 - iv. Information scientists
 - v. Software developers, coders, creatives, innovators, engineers
 - vi. Legal scholars, legislators, magistrates and civil servants
 - vii. Publishers, editors and leaders of professional societies
 - viii. Technical staff
 - ix. Research funders
 - x. Policy makers, societal actors and communities
 - xi. Users and the public at large
- III. Open Science Core values and Guiding principles
 - Core Values
 - i. Collective Benefit
 - ii. Equity and Fairness
 - iii. Quality and Integrity
 - iv. Diversity
 - v. Inclusiveness

- Guiding principles
 - a) Transparency, scrutiny, critique and verifiability
 - b) Equal opportunities and access
 - c) Respect, responsibility and accountability
 - d) Collaboration, participation and inclusion
 - e) Flexibility
 - f) Sustainability
- IV. Areas of action
- V. Monitoring

In this regional consultation, the discussion will be focused on the areas of action currently in the draft recommendation and will collect specific challenges, needs and pathways for Asia and the Pacific region:

IV. Areas of Action

- i. Promoting a common understanding of Open Science and diverse paths to Open Science
- ii. Developing an enabling policy environment for Open Science
- iii. Investing in Open Science infrastructures and services
- iv. Investing in capacity building for Open Science
- v. Transforming scientific culture and aligning incentives for Open Science
- vi. Promoting innovative approaches for Open Science at different stages of the scientific process
- vii. Promoting international cooperation on Open Science