



Contribution ID: 83 Contribution code: -83

Type: **Poster**

Supporting policy processes by assuring high quality open science: the role of the Editorial Review Board of the European Commission Joint Research Centre.

The European Commission Joint Research Centre (JRC) is the European Commission's science and knowledge service providing independent scientific advice to EU policy-making conducting original, independent and open research. JRC employs over 3,000 staff and collaborates with international organizations, universities and industry putting three core values at the centre of its work: anticipation, providing the scientific underpinning for future policy initiatives; integration, linking across scientific and policy areas and impact, assisting policymakers to assess the impact of their policies.

The JRC adheres to open science standards and has committed to implementing the European Commission's Open Science policy, which aims to make scientific research more accessible, transparent, and reusable. The JRC's approach to open science encompasses aspects such as publishing in open access, producing and maintaining open data, assuring transparency and reproducibility, overall keeping a collaborative and participatory approach.

By embracing these open science principles, the JRC aims to increase the impact and visibility of its research, foster collaboration, and contribute to the development of evidence-based policies. In this presentation we will especially focus on the role played by the JRC Editorial Review Board (JERB), the internal quality assurance and scientific publication peer-reviewing structure, in front of recent challenges and radical paradigm changes in the science for policy field, such as the raise of Artificial Intelligence, the explosion of low-quality and even predatory journals also starting to impact policy support and the increasing need of dealing with scientific multidisciplinary in order to effectively support more and more cross-sectorial and interconnected policy problems.

Tagline

How effective editorial control helps in assuring an high quality level of open science for policy support.

Keywords

open science for policy making; quality assurance; independent scientific advice

Author: MONFORTI FERRARIO, Fabio (European Commission - Joint Research Centre)

Session Classification: Poster & Demos Sessions

Track Classification: Beyond Compliance: Measuring and Maximizing Open Science Impact