

S001-03  
 Zoom meeting A : 11/2 AM1 (9:00-10:30)  
 09:55-10:25

オープンサイエンス政策が志向する科学者および関係者の行動変容

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Behavioral Change of Scientists and Stakeholders Oriented by Open Science Policy

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Author introduces Open Science Policy and its backgrounds as transforming Science, Society and "Science and Society" by the advance of ICT. One of key elements of Open Science is sharing research data as open as possible and as close as necessary. It aims to have a new scheme of scholarly communication beyond "Publish or Perish." COVID-19 is revealing the issue of robust but old scheme of current scholarly communication established in 17th century.

On the other hand, Open Science needs behavior change of scientist and others, and cultural change of research community itself, which couldn't implement in a short time.

In the transition state toward Open Science Paradigm, current scientist needs hybrid strategies to publish articles and sharing data starting from an evidence data of journal articles. Establishing citing and linking among article, data, and author is crucial to have a clear incentive for researchers. But research data sharing would not be just a supplemental of articles, seeking a new mainstream to advance Science. COVID-19 is also revealing the potential of research data sharing triggered by Scientists and others.

Open Science Policy is encouraging such spontaneous activities by research community to have a better ecosystem of research itself.

# Towards FAIR Data Science

