

Recommendation “To deepen and to promote Open Science in Japan”

*Masaru Kitsuregawa¹

1. National Institute of Informatics / The University of Tokyo

“The Fourth Paradigm” published 2009 which proposed Data-Intensive Scientific Discovery, or data-driven science, is followed by the US White House’ s bigdata initiative statement, and Japan’ s proposal of Society 5.0. The indispensable importance of Data’ s role in those pictures also coincides with data as fuel of Artificial Intelligence software system. This Committee to Deepen and Promote Open Science of Science Council of Japan has an objective to give comprehensive multi-viewpoints on data, so as to promote research data sharing (RDS) as well as to clarify the importance of a platform for the envisioned data sharing practices.

(1) Rule making in the data-centric era

(2) Construction of the Data Platform

(3) Archive repository on various data and research material