RDA
RESEARCH DATA ALLIANCE
RESEARCH DATA SHARING WITHOUT BARRIERS

BUILDING THE SOCIAL AND TECHNICAL BRIDGES THAT ENABLE OPEN SHARING OF DATA

Françoise Genova,
Strasbourg astronomical data centre CDS,
co-chair of RDA Technical Advisory Board

enquiries@rd-alliance.org
rd-alliance.org

@ RDA_Europe
@ resdatall

WHAT IS RDA?

RDA is building the social and technical bridges that enable open sharing of data to achieve its vision of researchers and innovators openly sharing data across technologies, disciplines, and countries to address the grand challenges of society.

RDA is an international organization focused on the development of infrastructure and community activities that reduce barriers to data sharing and exchange, and the acceleration of data driven innovation worldwide.

With more than 3,200 members globally representing more than 100 countries, RDA includes data science professionals from multiple disciplines, including but not limited to academia, library sciences, earth science, astronomy and meteorology.

WHAT DOES RDA DO?

Members come together through self-formed, volunteer, focussed Working Groups, exploratory Interest Groups to exchange knowledge, share discoveries, discuss barriers and potential solutions, explore and define policies and test as well as harmonise standards to enhance and facilitate global data sharing.

RDA members collaborate together regionally and with the global RDA community to tackle numerous infrastructure challenges related to:

- Reproducibility
- Data preservation
- Metadata
- Data citation
- Curriculum development
- Data type registries
- Best practices for domain repositories
- and so many more!

RDA OUTPUTS

So far 12 rda working groups have provided outputs.

Working groups are envisioned as accelerants to data sharing practice and infrastructure in the short-term with the overarching goal of advancing global data-driven discovery and innovation in the long-term

In the widest sense the group outcomes are pushing forward for:

- New data standards or harmonization of existing standards.
- Greater data sharing, exchange, interoperability, usability and re-usability.
- Greater discoverability of research data sets.
- Better management, stewardship, and preservation of research data.

RESEARCH DATA ALLIANCE
OUTPUTS

RDA for astronomy:

Lessons learnt in building the IVOA and data sharing in astronomy are injected in the discussion of RDA organisation and procedures. The RDA is a unique platform to meet data practitioners from many countries, disciplines and profiles, to grab ideas to improve our data practices, to identify topics of common interest and to raise interesting subjects for discussion involving specialists from many countries by proposing new Interest and Working Groups.

RDA FOR ADASS XXV - JOINTLY ADDRESSING:
- DataCitation for subsets of dynamic data
- Persistent Identifiers
- Data Publishing
- Repository Audit & Certification

GETTING INVOLVED

There are severals way in which you can play a part in RDA:

- Register to the website and become a member of the RDA community | www.rd-alliance.org/user/register
- Join the discussion and subscribe to the RDA Working and Interest Groups | www.rd-alliance.org/groups
- Participate in the next Bi-annual Plenary Meetings | rd-alliance.org/plenary-meetings.html
  - RDA Plenary 7 - 1-3 March 2016, Tokyo, Japan - Making Data Sharing Work in the era of Open Science
  - RDA Plenary 8 - Autumn 2016, USA in conjunction with International Data Week 2016 & SciDataCon2016, co-organised by CODATA, ICSU-WDS & RDA