



RDA COVID-19 Working Group

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Data Together for EOSC, 24th November 2020




Supporting EOSC



- Request from the European Commission to the Research Data Alliance (RDA)
- Working Group setup within weeks
 - 4 Research Areas, 4 Cross-cutting themes, each with Co-Moderators
- Structured through a series of teams
 - Co-Chairs, Co-Chairs + Moderators, 8 Themes, Editorial, Visualization, Zotero
- April 1 - 30 June continual sprints, webinars, etc.
 - 6 releases over 3 months
- Ongoing efforts emerging from RDA Plenary 16, including possible Infectious Disease Community of Practice (CoP)




A Collaborative Cross-Disciplinary Effort




CLINICAL

- i** Standardise terminologies, and find balance between timely data sharing and protecting privacy, confidentiality
- ★** Organise data sharing and trial documents in trustworthy repositories



OMICS

- i** Select the best data formats and standards to fit the sub-discipline
- ★** Promote use of domain-specific repositories to enable standardisation




EPIDEMIOLOGY

- i** Data models must include clinical data, disease milestones, indicators, reporting data, contact tracing and personal risk factors
- ★** Incentivise publication of situational data, analytical models, scientific findings and reports



SOCIAL SCIENCES

- i** Enable interoperable cross-disciplinary, cross-cultural data use and collaboration
- ★** Ensure robust funding streams for research aimed at understanding and managing the human aspects of the pandemic




COMMUNITY

- i** Encourage public and patient involvement throughout data management lifecycle
- ★** Balance between timely testing and contact tracing, emergency response, community safety, and individual privacy concerns



RESEARCH SOFTWARE

- i** Software used in data analysis must be able to reproduce results, if necessary
- ★** Allocate financial resources to support development and maintenance of new research software



INDIGENOUS DATA GUIDELINES

- i** Indigenous governance of data collection, ownership, and sharing and use priorities is the central principle of Indigenous data sovereignty
- ★** CARE Principles set minimum standards for collectors, users, and stewards of Indigenous data.



LEGAL AND ETHICAL CONSIDERATIONS

- i** Although the law provides the foundation for data handling, ethical frameworks should also inform expedited approval to maximise data use and sharing
- ★** Expedite ethical review and approval for legal data sharing during a pandemic