



RDA COVID-19 WG

The power of volunteers

e-IRG Event
26th May 2020

Juan Bicarregui

RDA COVID-19 WG co-chair
EOSC Executive Board
Rules of Participation Chair



Overview

RDA in General

Extracts from *RDA in a Nutshell*

<https://www.rd-alliance.org/sites/default/files/attachment/RDA-in-a-nutshell-April-2020.pptx>

RDA COVID-19 WG

Methodology and current status



Vision

Researchers and innovators openly share data across technologies, disciplines, and countries to address the grand challenges of society.

Mission

RDA builds the **social and technical bridges** that **enable open sharing** of data.

THE RESEARCH DATA ALLIANCE

www.rd-alliance.org

building the social and technical bridges that enable open sharing of data

37 FLAGSHIP OUTPUTS

including 8 ICT Technical Specifications

100+ ADOPTION CASES

across multiple disciplines, organisations & countries

91 GROUPS WORKING ON GLOBAL DATA INTEROPERABILITY CHALLENGES

34 Working Groups
57 Interest Groups

10,385 INDIVIDUAL MEMBERS FROM 144 COUNTRIES

68% Academia & Research
14% Public Administration
13% Enterprise & Industry

51 ORGANISATIONAL MEMBERS 10 AFFILIATE MEMBERS



Who Can Join RDA?

Any individual or organisation, regardless of profession or discipline, with interest in **reducing the barriers to the sharing and re-use of data** and who agrees to RDA's guiding principles of:

Openness

-  Consensus

-  Balance

-  Harmonization

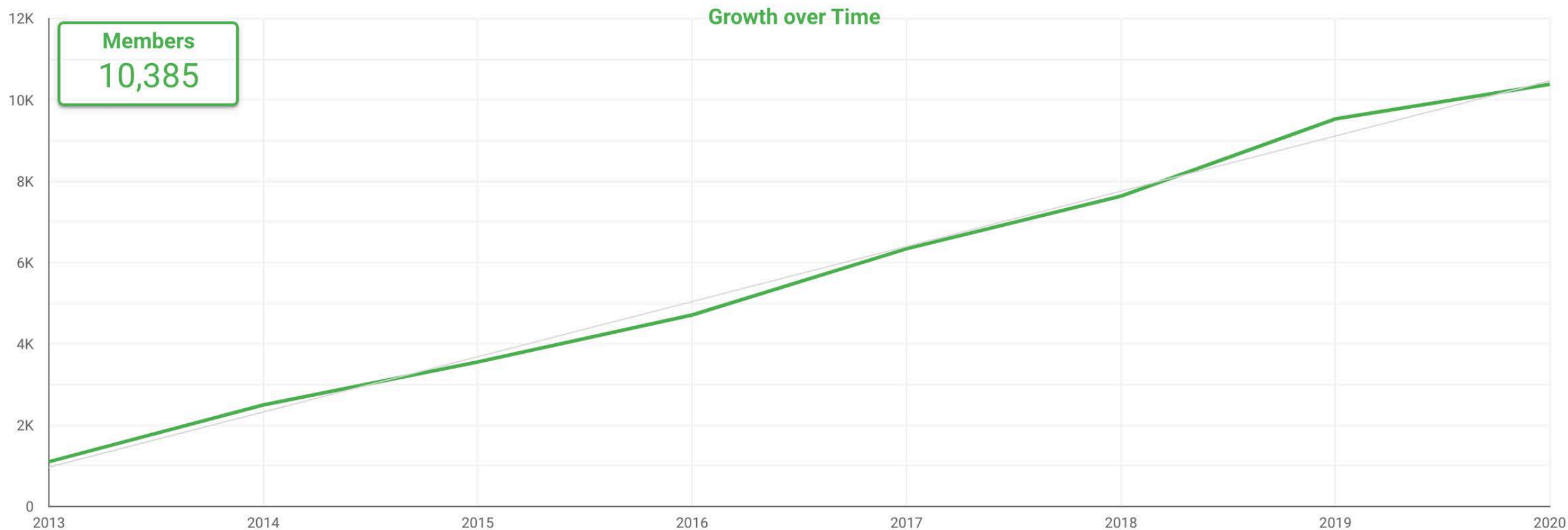
-  Community-driven

-  Non-profit and technology-neutral

Individual Membership is free at <https://www.rd-alliance.org/user/register>



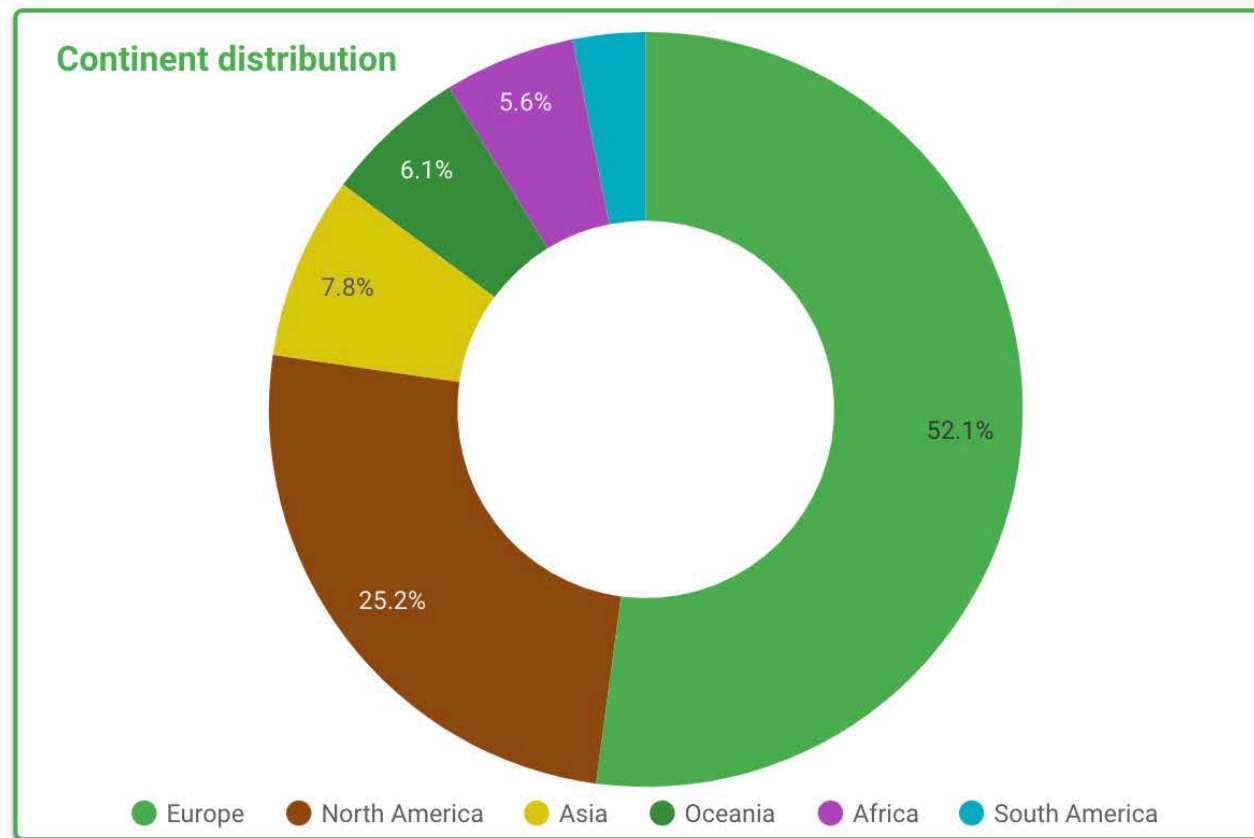
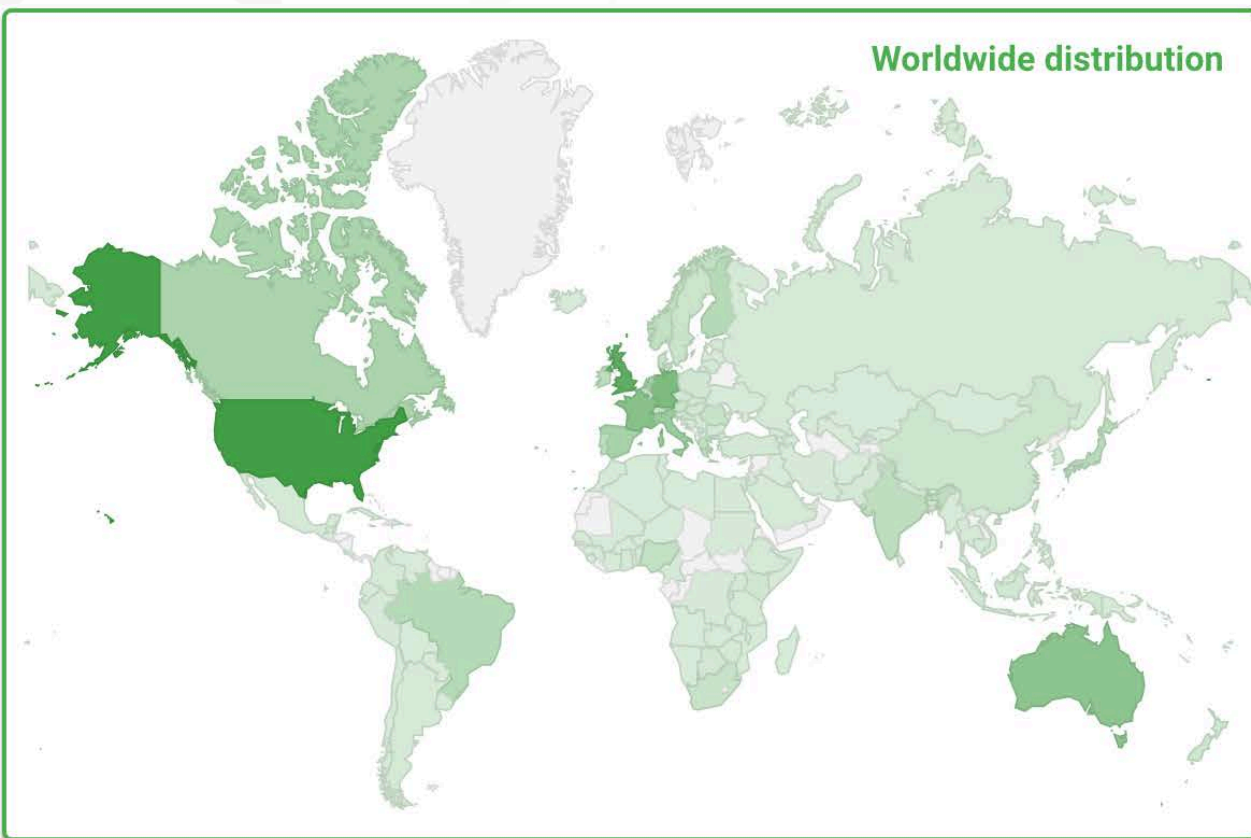
Who is RDA? – 7 years of Growth



Individual Membership is free at <https://www.rd-alliance.org/user/register>



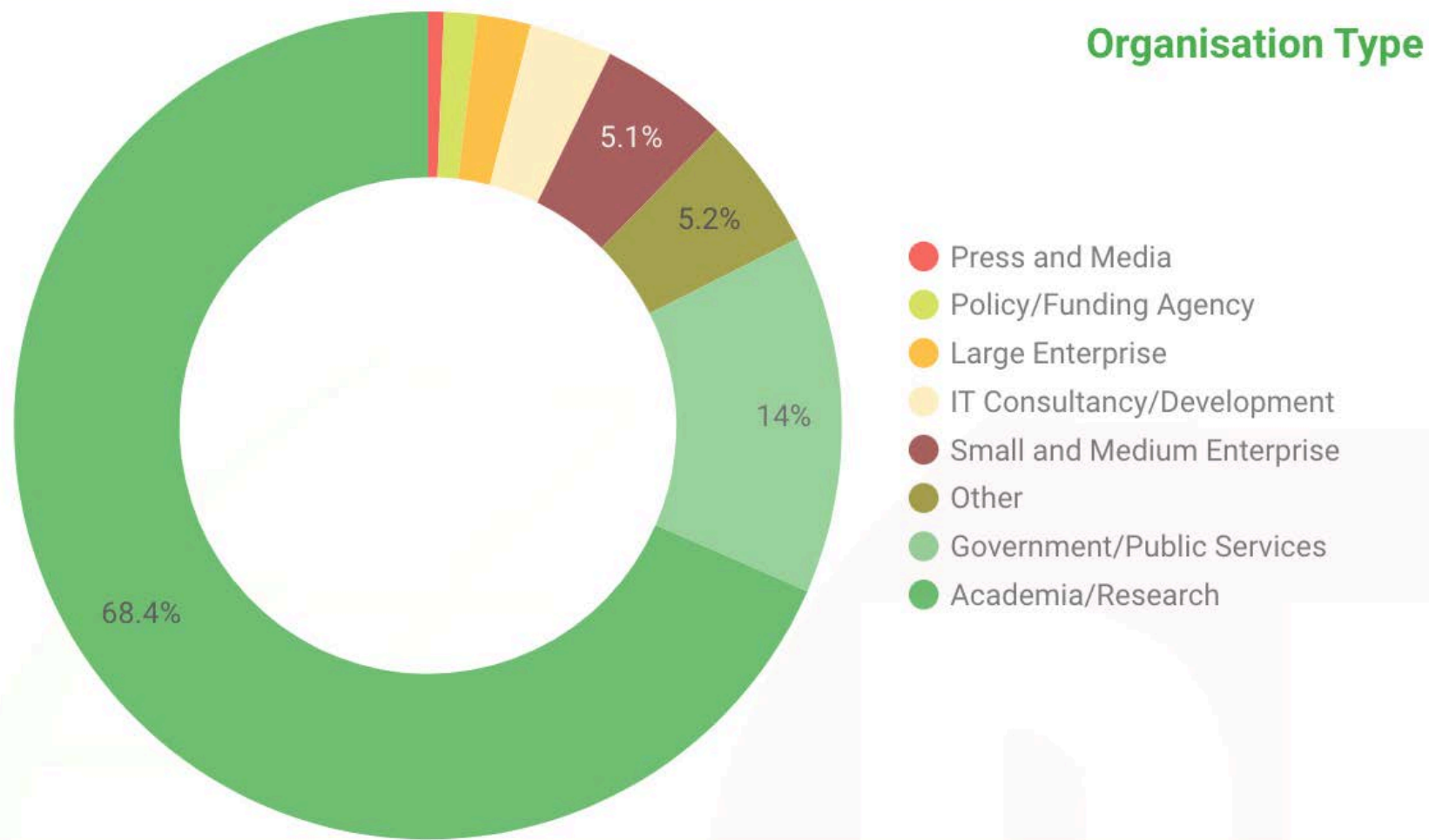
Who is RDA – Geographical Distribution



10,385 RDA members from 145 different countries



Who is RDA – Organisation type



Organisation Type		% ▾
1.	Academia/Research	68.44%
2.	Government/Public Services	14%
3.	Other	5.24%
4.	Small and Medium Enterprise	5.06%
5.	IT Consultancy/Development	3.25%
6.	Large Enterprise	2.08%
7.	Policy/Funding Agency	1.31%
8.	Press and Media	0.62%
		1 - 8 / 8 < >



Organisational Members

You can also join as an Organisational Member

- Assist in **implementation & adoption** of RDA Recommendations & Outputs
- Participate in all RDA Organisational Forums
- Receive regular **updates** on the work of the RDA
- Attend Organisational Assembly meetings and vote on **proposed policies** for consideration by the RDA Council and for members of the Organisational Advisory Board
- Provide **advice to RDA Council** through the Organisational Advisory Board
- Be recognized on the RDA Website and at RDA Meetings as a **supporter of data interoperability**
- Communicate open job positions in your organisation to entire RDA community (**Exclusive to Organisational Members**)
- Reduced RDA Plenary meeting registration fee (**Exclusive to Organisational Members**)

Currently there are **51** Organisational Members



RDA Organisational Members

You can also join as an Organisational Member

- AARNet Pty Ltd (APL), Australia
- American Geophysical Union (AGU), USA
- American University Library, USA
- Australian Research Data Commons (ARDC), Australia
- Battelle - National Ecological Observatory Network (NEON), USA
- Blackfynn Inc., USA
- California Institute of Technology, USA
- CANARIE, Canada
- CAP Digital, France
- Carnegie Mellon University, USA
- Consortium of European Social Science Data Archives (CESSDA)
- Columbia University Libraries/Information Services, USA
- Corporation for National Research Initiatives (CNRI)
- Danish e-Infrastructure Cooperation
- The Alan Turing institute, **UK**
- DANS, Data Archiving and Networked Services, The Netherlands
- Data Observation Network for Earth - DataONE
- Digital Curation Centre (DCC), **UK**
- Digital Repository of Ireland (DRI), Ireland

- Earth Science Information Partners (ESIP)
- EGI Foundation
- ELSEVIER, The Netherlands
- European Parliamentary Research Service (EPRS)
- European Data Infrastructure (EUDAT project)
- German Data Forum, Germany
- Global Biosocial Complexity Initiative, Arizona State University, USA
- Hertzoltz Association, Germany
- IASSIST - International Association for Social Science Information Services and Technology
- Indiana University Pervasive Technology Institute, USA
- Information Technology Research Institute (ITRI)- National Institute of Advanced Industrial Science and Technology (AIST), Japan
- Interdisciplinary Centre for Mathematical and Computational Modelling (ICM), University of Warsaw, Poland
- International Association of STM Publishers
- International Federation of Data Organizations for Social Sciences
- KAUST - King Abdullah University of Science and

- Technology, Saudia Arabia
- LIBER - Association of European Research Libraries
- Max Planck Computing and Data Facility (MPCDF), Germany
- Massachusetts Institute of Technology Libraries (MIT Libraries), USA
- National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign, USA
- National Library of Ireland, Ireland
- Netherlands e-Science Center
- NSD - Norwegian Centre for Research Data
- NZ eScience Infrastructure, New Zealand
- Purdue University Libraries, USA
- Research Data Canada, Canada
- Scholarly Publishing and Academic Resources Coalition (SPARC), USA
- Science & Technology Facilities Council (STFC), **UK**
- TME – Technology, Methods, and Infrastructure for Networked Medical Research, Germany
- University of Strasbourg, France
- Washington University in St. Louis Libraries, USA
- Web Science Trust, **UK**
- John Wiley & Sons Ltd., **UK**

51 RDA Organisational Members

RDA Organisational Member details <https://www.rd-alliance.org/get-involved/organisational-membership/rda-organisational-affiliate-members>



RDA active Interest Groups (IG) & Working Groups (WG): Discipline-focused and Partnerships

Total 91 groups:
34 Working Groups & 57 Interest Groups

Discipline focus

Working Groups

- ❑ Agrisemantics WG
- ❑ FAIRSharing Registry WG
- ❑ Capacity Development for Agriculture Data WG
- ❑ Rice Data Interoperability WG
- ❑ Wheat Data Interoperability WG
- ❑ Reproducible Health Data Services WG
- ❑ Preserving Scientific Annotation WG
- ❑ Blockchain Applications in Health WG
- ❑ Interoperable Descriptions of Observable Property Terminology WG (I-ADOPT WG)
- ❑ RDA-COVID19-Clinical WG
- ❑ RDA-COVID19-Community-participation WG
- ❑ RDA-COVID19-Epidemiology WG
- ❑ RDA-COVID19-Omics WG
- ❑ RDA-COVID19-Social-Sciences WG
- ❑ RDA-COVID19 WG

Interest Groups

- ❑ Agricultural Data IG (IGAD)
- ❑ Biodiversity Data Integration IG
- ❑ Chemistry Research Data IG
- ❑ Digital Practices in History and Ethnography IG
- ❑ ESIP/RDA Earth, Space, and Environmental Sciences IG
- ❑ Geospatial IG
- ❑ Global Water Information IG
- ❑ Health Data IG
- ❑ Linguistics Data IG
- ❑ RDA/CODATA Materials Data, Infrastructure & Interoperability IG
- ❑ Research data needs of the Photon and Neutron Science community IG
- ❑ Small Unmanned Aircraft Systems' Data IG
- ❑ Social Sciences Research Data IG
- ❑ Research Data Management in Engineering IG
- ❑ RDA for the Sustainable Development Goals IG

Partnerships

Working Groups

- ❑ RDA/TDWG Metadata Standards for attribution of physical and digital collections stewardship WG
- ❑ RDA/World Data System (WDS) Scholarly Link Exchange WG
- ❑ RDA/World Data System (WDS) Publishing Data Workflows WG

Interest Groups

- ❑ ELIXIR Bridging Force IG
- ❑ RDA/National Information Standards Organization (NISO) Privacy Implications of Research Data Sets IG



RDA active Interest Groups (IG) & Working Groups (WG):

Focus on Reference/Sharing and Community Needs

Total 91 groups:
34 Working Groups & 57 Interest Groups

Reference and Sharing

Working Groups

- ❑ Data Citation WG
- ❑ Data Description Registry Interoperability WG
- ❑ International Materials Resource Registries WG
- ❑ Research Data Collections WG
- ❑ Research Data Repository Interoperability WG
- ❑ Data Usage Metrics WG

Interest Groups

- ❑ Data Discovery Paradigms IG
- ❑ National Data Services IG
- ❑ RDA/CODATA Legal Interoperability IG
- ❑ Sharing Rewards and Credit (SHARC) IG

Community Needs

Working Groups

- ❑ RDA/CODATA Summer Schools in Data Science and Cloud Computing in the Developing World WG

Interest Groups

- ❑ CODATA/RDA Research Data Science Schools for Low and Middle Income Countries
- ❑ Archives & Records Professionals for Research Data IG
- ❑ Data for Development IG
- ❑ Early Career and Engagement IG
- ❑ Education and Training on handling of research data IG
- ❑ Ethics and Social Aspects of Data IG
- ❑ International Indigenous Data Sovereignty IG
- ❑ Surveying Open Data Practices IG
- ❑ Data for Development IG
- ❑ Research Funders & Stakeholders on Open Research and Data Management Policies and Practices IG
- ❑ Global Open Research Commons IG



RDA active Interest Groups (IG) & Working Groups (WG):

Focus on Data Stewardship and Infrastructures

Total 91 groups:
34 Working Groups & 57 Interest Groups

Data Stewardship and Services

Working Groups

- ☐ Brokering Framework WG
- ☐ World Data System (WDS)/RDA Assessment of Data Fitness for Use WG
- ☐ Data Versioning WG
- ☐ FAIR Data Maturity Model WG

Interest Groups

- ☐ Active Data Management Plans IG
- ☐ Data in Context IG
- ☐ Domain Repositories IG
- ☐ Virtual Research Environments IG
- ☐ Libraries for Research Data IG
- ☐ Physical Samples and Collections in the Research Data Ecosystem IG
- ☐ Preservation Tools, Techniques, and Policies IG
- ☐ RDA/World Data System (WDS) Certification of Digital Repositories IG
- ☐ Repository Platforms for Research Data IG
- ☐ Research Data Architectures in Research Institutions IG
- ☐ Data policy standardisation and implementation IG
- ☐ GO FAIR IG
- ☐ Open Science Graphs IG
- ☐ Engaging Researchers with Data IG

Base Infrastructure

Working Groups

- ☐ Data Type Registries WG
- ☐ Metadata Standards Catalog WG
- ☐ PID Kernel Information WG
- ☐ Software Source Code ID WG
- ☐ Research Metadata Schemas WG

Interest Groups

- ☐ Data Fabric IG
- ☐ Data Foundations and Terminology IG
- ☐ Disciplinary Interoperability Framework IG
- ☐ Big Data IG
- ☐ Metadata IG
- ☐ PID IG
- ☐ Software Source Code IG
- ☐ Vocabulary Services IG
- ☐ Federated Identity Management IG
- ☐ Data Economics IG



RDA Recommendations & Outputs



CATEGORIES OF RECOMMENDATIONS & OUTPUTS

Recommendations: RDA's flagship outputs and the equivalent of "specifications" or "standards" that other organisations create and endorse.

Supporting Outputs: RDA outputs that originate from the work of RDA groups, but not always adoptable by other organisations. "Upon request" by RDA groups, these outputs are reviewed by the RDA member community and if no major objections or gaps are identified, they are approved to use the RDA Brand.

Other Outputs: These are workshop reports, published articles, survey results, etc. produced by RDA groups. Upon request by the groups, these outputs are posted on the RDA website but have no level of endorsement.

Search for Recommendations & Outputs

23 RDA Recommendations - of which 8 ICT Technical Specifications - & 14 Supporting Outputs currently in the RDA Catalogue:
<https://www.rd-alliance.org/recommendations-and-outputs/catalogue>



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RDA COVID-19 WG

Methodology and current status



Background context (March 2020)

- European Commission asked RDA to establish a working group
 - with an international, neutral and inclusive approach
- RDA undertook a rapid response
 - fast track approval of case statement, set a timetable in weeks not months or years
- Sought international co-chairs with domain expertise
 - with links in national / regional Open Science Commons

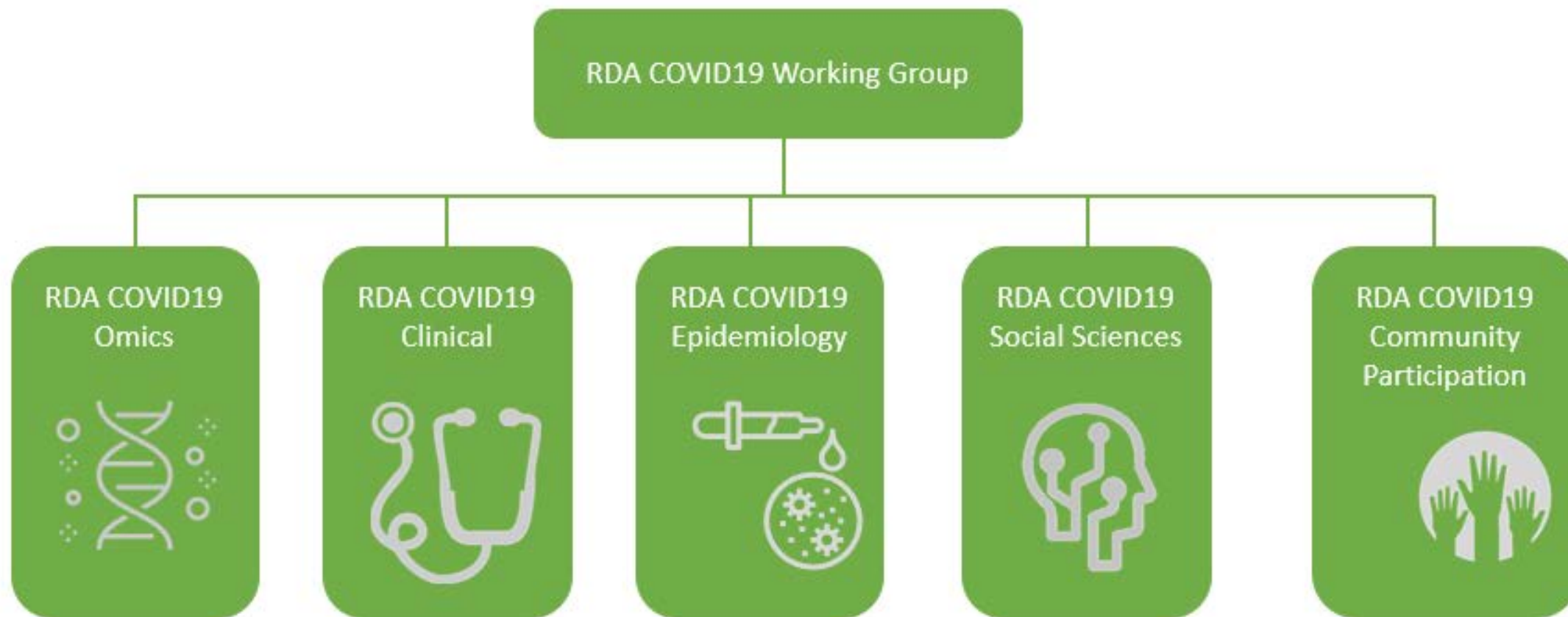


RDA COVID-19 Working Group objectives

- to clearly define detailed
 - **guidelines on data sharing under the present COVID-19 circumstances**
 - to help stakeholders follow best practices to maximize the efficiency of their work, and
 - to act as a blueprint for future emergencies;
- to develop **recommendations for policymakers**
 - to maximise timely, quality data sharing and appropriate responses in such health emergencies;
- to address the interests of
 - **researchers, policy makers, funders, publishers, and providers of data sharing infrastructures.**



Initially Five COVID-19 WG sub-groups



Each subgroup assigned 2 or 3 moderators from the domain to lead the work and a co-chair to coordinate across



WG/SGs Weekly Cycle

Weekly cycle of “sprints” with meetings of:

- Co-chairs
- Webinar
- Co-chairs plus moderators
- Subgroups (some met up to 3 times per week!)
- Editorial Team

Weekly release of draft document: 24 April, 1 May, 8 May, 15 May

Release 5, 28 May, will be “final” for community comment



Current Timeline

8 May pm	3rd release, using old structure
12 May	Newly structured document is circulated to subWGs, based on 3rd release text.
14 May 10pm UTC	Deadline for subWGs to finish sections for 4th release using new document form. Ed team to refine intro sections as possible
15 May	4th Release posted for comment
21 May 10pm UTC	Deadline for subWGs to finish sections for Final/5th release
26 May	Deadline for Editorial team to prepare 5th release (e.g. more commonalities moved to intro sections)
26 May 16:00 UTC- 27 May 10:00 UTC	"Sanity check" on references and contributors (spelling, ORCIDs) by subWGs
28 May	5th Release (Final) posted for comment
8 June	Close of community comment and feedback (after 10 days)
15 June	Deadline for incorporation of community feedback; creation of finalised document, send to RDA governance for endorsement
22 June	Deadline for RDA endorsement (Council, OAB, TAB)
29 June	Deadline for incorporation of RDA governance feedback, graphic design (secretariat prep)
30 June	Final endorsed document available

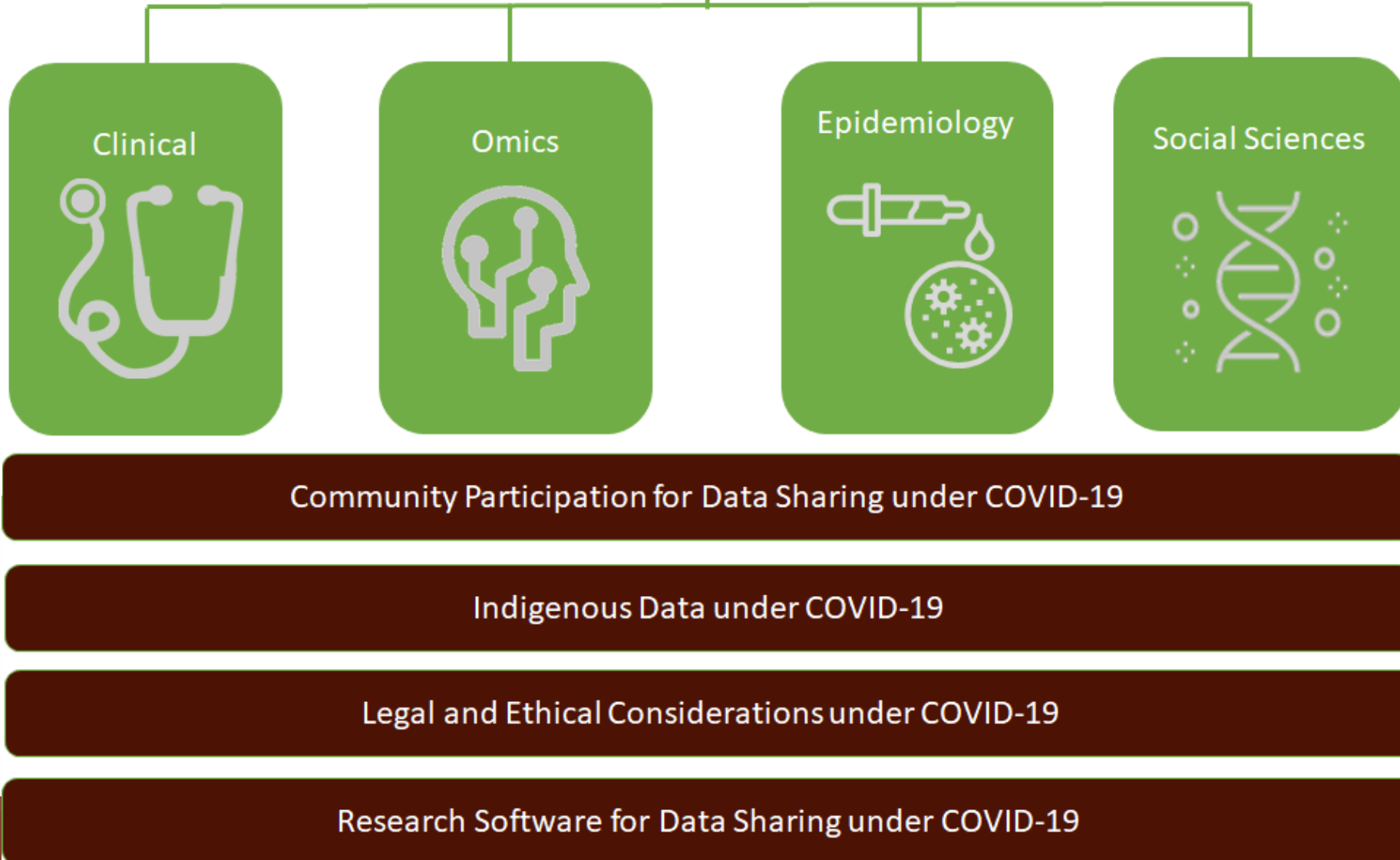


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A typical page:

- Refers to a particular type of data
- Is very detailed
- Highlights certain resources
- Gives plenty of references
- Provides links to resources

4.4.1 Guidelines for Virus Genomics Data

4.4.1.1 Repositories

There are several genomics resources that can be used to make virus genomics sequences available for further research. A curated list can be found in [FAIRsharing](#). Some specific examples are:

1. We suggest that raw virus sequence data is stored in one of the [International Nucleotide Sequence Database Collaboration \(INSDC\) archives](#), as each of these is well known and openly accessible for immediate reuse without undue delays:
 - 1.1. [DNA Data Bank of Japan \(DDBJ\)](#) ([Ogasawara O et al., 2020](#); in [FAIRsharing](#)) Sequence Read Archive ([SRA](#))
 - 1.2. [ENA](#) (European Nucleotide Archive at EMBL-EBI; in [FAIRsharing](#)), for submission documentation see [ENA Documentation](#) (ENA-Docs, 2020)
 - 1.3. [NCBI SRA](#) (in [FAIRsharing](#)), for submission documentation see [SRA Submission documentation](#) (NIH-NCBI, 2020)
2. For assembled and annotated genomes we suggest deposition in one or more of these archives:
 - 2.1. [NCBI GenBank](#) (in [FAIRsharing](#)), accessible through [NCBI Virus](#) ([Hatcher EL et al., 2017](#); in [FAIRsharing](#)), for submission documentation see [Viral sequence submission documentation](#) (NIH-NCBI, 2020)
 - 2.2. [DDBJ Annotated/Assembled Sequences](#) (DDBJ, 2020)
 - 2.3. [ENA](#) (EMBL-EBI, 2008 in [FAIRsharing](#))
3. Virus Data submitted to [GenBank](#) (NCBI, 2013; [Benson DA et al., 2013](#); [Clark K et al., 2016](#); in [FAIRsharing](#)) and [RefSeq](#) (NCBI, 2013; [Pruitt KD et al., 2012](#); in [FAIRsharing](#)) will be available for reuse through [NCBI Virus](#) (NCBI, 2013; [Hatcher EL et al., 2017](#); in [FAIRsharing](#))
4. There are other archives suitable for genome data that are more restrictive in their data access; submission to such resources is not discouraged, but such archives should not be the only place where a sequence is made available.
5. Before submission of raw sequence data (e.g., shotgun sequencing) to INSDC archives, it is necessary to remove contaminating human reads.

4.4.1.2 Data and Metadata Standards

A list of relevant genomics data and metadata standards can be found in [FAIRsharing](#), some specific examples are:

1. We suggest that data is preferentially stored in the following formats, in order to maximize the interoperability with each other and with standard analysis pipelines:
 - 1.1. Raw sequences: [.fastq](#) ([Cock PJA et al., 2009](#); in [FAIRsharing](#)); optionally compress with gzip
 - 1.2. Genome contigs: [.fastq](#) ([Cock PJA et al., 2009](#); in [FAIRsharing](#)); if uncertainties of the assembler can be captured, [.fasta](#) ([Pearson WR et al., 1988](#); in [FAIRsharing](#)) otherwise; optionally compress with gzip
 - 1.3. De novo aligned sequences: [.afa](#)
 - 1.4. Gene Structure: [.gtf](#) (in [FAIRsharing](#))
 - 1.5. Gene Features: [.gff](#) (in [FAIRsharing](#))
 - 1.6. Sequences mapped to a genome: [.sam](#) ([Li H et al., 2009](#); in [FAIRsharing](#)) or the compressed formats [.bam](#) (in [FAIRsharing](#)) or [.cram](#) ([Fritz MH et al., 2011](#)). Please ensure that the used reference sequence is also publicly available and that the @SQ header is present and unambiguously describes the used reference sequence
 - 1.7. Variant calling: [.vcf](#) (in [FAIRsharing](#)). Please ensure that the used reference sequence is also publically available and that it is unambiguously referenced in the header of the .vcf file, e.g., using the URL field of the ##contig field
 - 1.8. Browser: [.bed](#) (in [FAIRsharing](#)).





Credits:

- members
- contributors
- moderators
- co-chairs



RDA-COVID19 Community Participation

RDA COVID19 UMBRELLA GROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19
RDA COVID19 CASE STATEMENT	https://www.rd-alliance.org/node/68704/case-statement
RDA COVID19 EVENTS (WEBINAR DETAILS)	https://www.rd-alliance.org/node/68704/events
RDA COVID19 WORKING & SUB-GROUP ORGANIZATION	https://www.rd-alliance.org/group/rda-covid19/wiki/working-sub-group-organization
RDA COVID19 COMMUNITY PARTICIPATION SUBGROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19-community-participation
RDA COVID19 COMMUNITY PARTICIPATION <i>SUBGROUP</i> GOOGLE FOLDER	https://drive.google.com/drive/folders/1mqWSuHxSFzoxueSa1pUXVlk8xaHCxAl?usp=sharing



Sarah Jones
DCC

Community participation Sub-group Co-chair

Community participation Sub-group Moderators



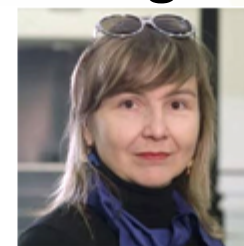
Joanne Stocks,
University of
Nottingham



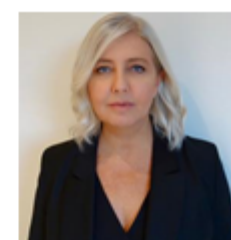
Kheeran
Dharmawardena
Cytrax Consulting



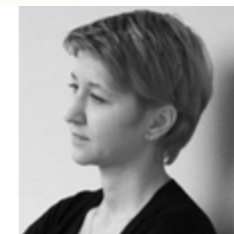
Daniel Mietchen,
School of Data
Science, UVA



Eva Mendez,
Uni Carlos III
Madrid



Susanna-Assunta
Sansone, Oxford e-
Research Centre



Timea Biro, DRI





RDA-COVID19 Community sub-group

114 members as of 4 May

Members

Alecia Naidu
Alicia Fátima Gómez Sánchez
Andrew Sporle
Arriel Benis
Bridget Walker
Christine Kirkpatrick
Cord Wiljes
Daniella Lowenberg
Eva Méndez
Fernando Aguilar
Galia Weidl
Iain Hrynaszkiewicz
James Hetherington
Joao Miranda
Karsten Kryger Hansen
Kemas Osuji
Louise Chisholm
Mark Leggott
Martine Gagnon
Nikolaus Forgo
Peter McQuilton
Robert Quick
Ryan Fraser
Sarah Jones
Sharif Islam
Steve Tsang
Tessa Oomen
Vanessa Proudman
Yan Wang

Alejandra Gonzalez-Beltran
Alvaro Lopez Garcia
Angeliki Adamaki
Barbara Waha
Calvin Chan
Claire Austin
Dan Valen
Diego Calvanese
Eva Hnatkova
Francesco Mercuri
Gena Palmieri
Ilkay Altintas
Jeanne Holm
Johanna Havemann
Katerina Zourou
Kheeran Dharmawardena
Lynn Schriml
Marko Balabanovic
Mary O'Brien Uhlmansiek
Oya Beyan
Philippe Boulben
Rodrigo Sara
Sa-kwang Song
Sarah Champion
Sindhu Prasad
Suganya Sundaravadivelu
Thierry Louge
Ville Tenhunen
Yung Shin Van Der Syde

Alejandro Rodríguez González
Amy Nurnberger
Anthony Juehne
Bernadette Hyland-Wood
Catherine Chronaki
Claudia Bauzer Medeiros
Daniel Mietchen
Doina Cristina Duma
Federica Rosetta
Frankie Stevens
Gilles Mathieu
Iryna Kuchma
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Katherine Mika
Laura Morales
Marcos Roberto Tovani-Palone
Marta Teperek
Matthew Dovey
Paola Di Maio
Piyachat Ratana
Romain DAVID
Sandra Gesing
Shanmugasundaram Venkataraman
Stefanie Kethers
Sunil Kushor
Timea Biro
Vivien Bonazzi

Alexander Thistlewood
Andreas Czerniak
Anthony Oko-Isu
Beth Montague-Hellen
Catriona MacCallum
Colm Carroll
Daniel Bangert
Elena Sartini
Felix Bach
Franziska Boehm
Hilary Hanahoe
Isabelle PERSEIL
Joanne Stocks
Jonathan Dorey
Katie Hannan
Lina Elisabet Sitz
Maria J. Cruz
Martie van Deventer
Michelle Barker
Pascal Heus
Rainer Stotzka
Ron Dekker
Sarah Callaghan
Shannon Cobb
Stephen Diggs
Susanna-Assunta Sansone
Tiziana Lombardo
Wolmar Nyberg Åkerström



RDA-COVID19 Clinical sub-group

RDA COVID19 UMBRELLA GROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19
RDA COVID19 CASE STATEMENT	https://www.rd-alliance.org/node/68704/case-statement
RDA COVID19 EVENTS (WEBINAR DETAILS)	https://www.rd-alliance.org/node/68704/events
RDA COVID19 WORKING & SUB-GROUP ORGANIZATION	https://www.rd-alliance.org/group/rda-covid19/wiki/working-sub-group-organization
RDA COVID19 CLINICAL SUBGROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19-clinical
RDA COVID19 CLINICAL SUBGROUP GOOGLE FOLDER	https://drive.google.com/open?id=1dLAL7aNU3TVYWk5UtryiHfLpyzf3mPF7



Clinical Sub-group Co-chair

Anne Cambon-Thomsen
CNRS



Clinical Sub-group Moderators

Clinical

Andrea Jackson-Dipina, NIH
Sergio Bonini, CNR
Dawei Lin, NIH
Christian Ohmann, ECRIN



RDA-COVID19 Clinical sub-group

79 members as of 4 May

Members

Alejandra Gonzalez-Beltran
Anne-Caroline Deletoille
Bridget Walker
Daniel Mietchen
Diana Navarro-Llobet
Galia Weidl
Holly Murray
Isabelle PERSEIL
Jonathan Tedds
Leslie McIntosh-Borrelli
Marcia Levenstein
Martin Golebiewski
Natalie Meyers
Patrick Dunn
Ram Gouripeddi
Sara Pittonet Gaïarin
Simon Parker
Stuart Chalk
Thomas Exner
Wei Gu

Andrea Jackson Dipina
Anthony Juehne
Catherine Chronaki
David Carr
Dominique Gibert
Grace O'Malley
Iain Hrynaszkiewicz
James Hetherington
Juan Bicarregui
Lew Berman
Marcos Roberto Tovani-Palone
Mary O'Brien Uhlmansiek
Natalie Pankova
Paulette Lieby
Robert Quick
Sarah Jones
Stefan Sauermann
Sunil Kushor
Thomas Duflot
Wolmar Nyberg Åkerström

Angel Alberich-Bayarri
Anupama Gururaj
Christian Ohmann
Dawei Lin
Fanny Sébire
Gustav Nilsson
Idris Sulaiman
Jeremy Geelen
Juliane Fluck
Lorena García-Hevia
Mark Leggott
Melissa Haendel
Oya Beyan
Peter Van Reusel
Robin Michelet
Sergio Bonini
Stéphanie Rennes
Susanna-Assunta Sansone
Toralf Kirsten
Young-Joo Lee

Anne Cambon-Thomsen
Brendan Palmer
Claire Austin
Diana Dimitrova
Franziska Weng
Hilary Hanahoe
Ingrid Dillo
Jitendra Jonnagaddala
Laurent Dollé
Luc DECKER
Marta Marin
Mogens Thomsen
Paola Di Maio
Priyanka Pillai
Rowan Emam
Simon Hodson
Steve Tsang
Susheel Varma
Vivien Bonazzi



RDA-COVID19 Epidemiology sub-group

RDA COVID19 UMBRELLA GROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19
RDA COVID19 CASE STATEMENT	https://www.rd-alliance.org/node/68704/case-statement
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RDA COVID19 WORKING & SUB-GROUP ORGANIZATION	https://www.rd-alliance.org/group/rda-covid19/wiki/working-sub-group-organization
RDA COVID19 EPIDEMIOLOGY SUBGROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19-epidemiology
RDA COVID19 EPIDEMIOLOGY SUBGROUP GOOGLE FOLDER	https://drive.google.com/open?id=1stqNiqIWWMPcwY6lc1krvWT0YuzAdX2L



Priyanka Pillai
University of
Melbourne

**Epidemiology Sub-
group Co-chair**



Epidemiology Sub-group Moderators



Epidemiology

Claire Austin, Environment and Climate
Change Canada

Gabriel Turinici, University Paris Dauphine



RDA-COVID19 Epidemiology sub-group

Members ([77](#) as of May 4)

Alejandra Gonzalez-Beltran
Anne-Caroline Deletoille
Birte Lindstaedt
Catherine Chronaki
Cyrille Delpierre
Eiko Yoneki
Felix Ameka
Henri TONNANG
Iain Hrynaszkiewicz
Jay Greenfield
Jonathan Tedds
Lactatia Motsuku
Marlon Bayot
Michelle Kelly-Irving
Patrick Ntantu ikinsa
Ramona Walls
Sam Packard
Stefano Dalmiani
Susheel Varma
Vong Lix

Alvaro Lopez Garcia
Anthony Juehne
Bridget Walker
Chifundo Kanjala
Daniel Mietchen
Emma Lazzeri
Gabriel TURINICI
Henriette Senst
Idris Sulaiman
Jeremy Geelen
Jouni Jaakkola
Luke A McGuinness
Mary O'Brien Uhlmansiek
Natalie Meyers
Philippe Després
Richard Welpton
Shirley Mills
Steve Tsang
Toralf Kirsten

Andrew Sporle
Arriel Benis
Carlos Luis Parra-Calderon
Christos Diou
David Delmail
Fanny Sébire
Galia Weidl
Hilary Hanahoe
Isabelle PERSEIL
Jitendra Jonnagaddala
Juliane Fluck
Marcos Roberto Tovani-Palone
Matthew Cannon
Natalie Harrower
Rajini Nagrani
Robert Quick
Simon Hodson
Sunil Kushor
Turkka Näppilä

Anna Widyastuti
Artur Rocha
Carsten Oliver Schmidt
Claire Austin
Dimitris Kotzinos
Felix Bach
Gayo Diallo
Hugh Shanahan
Jason Nairnsey
Joanne Stocks
Keith Jeffrey
Mark Leggott
Meg Sears
Patricia Kearney
Ram Gouripeddi
Robin Michelet
Stefan Sauermann
Susanna-Assunta Sansone
Wolmar Nyberg Åkerström

Sent targeted invitations to epidemiology & public health communities on April 12, and again on April 24.



Cross-cutting Legal and Ethical Issues

<https://www.rd-alliance.org/groups/rda-covid19-legal-ethical>



Chair: **Anne Cambon-Thomsen**



Moderator:
Alexander Bernier



Moderator:
Brian Pickering



RDA-COVID19 Legal/Ethical sub-group

34 members as of 4 May

Members

Alexander Bernier
Claire Austin
Diana Navarro-Llobet
Gustav Nilsson
Katharina O Cathaoir
Mary O'Brien Uhlmansiek
Paula Andrea Martinez
Sa-kwang Song
Timea Biro

Anne Cambon-Thomsen
Claudia Bauzer Medeiros
Dimitris Kotzinos
Hilary Hanahoe
Kemas Osuji
Michaela Mayrhofer
Philippe Després
Simon Parker
Yan Wang

Bridget Walker
Dara Hallinan
Fanny Sébire
Iryna Kuchma
Marcos Roberto Tovani-Palone
Pamela Andanda
Regina Becker
Stefanie Kethers

Carlos Luis Parra-Calderon
Diana Dimitrova
Gauthier Chassang
John Brian Pickering
Mark Taylor
Paul Uhlir
Rodrigo Sara
Stéphanie Rennes



RDA-COVID19 Omics sub-group

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RDA COVID19 OMICS SUBGROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19-omics
RDA COVID19 OMICS SUBGROUP GOOGLE FOLDER	https://drive.google.com/open?id=1bHzfxQLIMdsJtrbl_ZeoSeNZUnY0r2o1



Omics Sub-group Co-chair

Juan Bicarregui
STFC



Rob Hooft: rob.hooft@dtls.nl | @rwwh

Natalie Meyers: natalie.meyers@nd.edu | @nkmeyers

Omics Sub-group Moderators



Omics

Rob Hooft, DTL &
Natalie Meyers, Uni of Notre Dame



RDA-COVID19 Omics sub-group

84 members as of 4 May, 41 co-authoring the recommendations

Members

Alecia Naidu
Andrea Zaliani
Bartha Maria Knoppers
Calvin Chan
Christopher Harrison
Dara Hallinan
Eric Piver
Galia Weidl
Hilary Hanahoe
Isabelle PERSEIL
Juliane Fluck
Korbinian Bösl
Lynn Schriml
Marta Teperek
Paolo Manghi
Pieter Heyvaert
Ram Gouripeddi
Rodrigo Sara
Stéphanie Rennes
Thomas Duflot
Vivien Bonazzi

Alejandra Gonzalez-Beltran
Andrew Harrison
Brian Corrie
Caterina Tomulescu
Claire Austin
David Molik
Fanny Sébire
George Papastefanatos
Hugh Shanahan
Jeremy Geelen
Justine Vandendorpe
Laurence DELHAES
Mark Leggott
Mary O'Brien Uhlmansiek
Patrick Dunn
Piotr Dabrowski
Richard Milne
Rosanna Babagiannou
Steve Tsang
Tim Smith
Wolmar Nyberg Åkerström

Alessandra Renieri
Anupama Gururaj
Brian Corrie
Catherine Chronaki
Clara Amid
Deepti Mittal
Felix Bach
Heidi Laine
Hussein Sherief
Jonathan Tedds
Kara Woo
Lawrence Nderu
Mark Taylor
Miguel Rocha
Paula Martinez Lavanchy
Priyanka Pillai
Rob Hooft
Simon Hodson
Susanna-Assunta Sansone
Venkata Satagopam
Yasemin Turkyilmaz-van der Velden

Alexander Bernier
Artur Rocha
Bridget Walker
Christian Busse
Daniel Mietchen
Emmanuelle Rial-Sebbag
Fotis Psomopoulos
helene blasco
Idris Sulaiman
Juan Bicarregui
Konrad Förstner
Leyla Garcia
Marta Marin
Natalie Meyers
Philippe Rocca-Serra
Rajini Nagrani
Robert Quick
Sophie Limou
Susheel Varma
Victor Greiff
Zoe Cournia



RDA-COVID19 Social Science sub-group

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RDA COVID19 WORKING & SUB-GROUP ORGANIZATION	https://www.rd-alliance.org/group/rda-covid19/wiki/working-sub-group-organization
RDA COVID19 SOCIAL SUBGROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19-social-sciences
RDA COVID19 SOCIAL SUBGROUP GOOGLE FOLDER	https://drive.google.com/drive/folders/10OAa-KnETZswHP9FiLZlIZZfHVNfd9Dh?usp=sharing



Ingrid Dillo
DANS

Social Sub-group Co-chair



Social

Iryna Kuchma, EIFL
Amy Pienta, University of Michigan



RDA-COVID19 Social Science sub-group

85 members as of 4 May

Members

Adrian Groza
Andrew Sporle
Ben Geiger
Claire Austin
Daniel Mietchen
Eva Méndez
Gena Palmieri
Ingrid Dillo
James McNally
Jorge Clarke
Katherine Mika
Libby Hemphill
Marcos Roberto Tovani-Palone
Michaela Mayrhofer
Natalie Dewson
Panayiota Polydoratou
Robert Quick
Simon Hodson
Stephanie Russo Carroll
Timea Biro
Wolmar Nyberg Åkerström
Yung Shin Van Der Sype

Alexander Thistlewood
Ann Myatt James
Bridget Walker
Claudia Bauzer Medeiros
de Pedraza Pablo
Felix Bach
Helena Laaksonen
Iryna Kuchma
Jenny O'Neill
Jose Carlos Urra Llanusa
Katie Hannan
Louise Bezuidenhout
Mark Leggott
Michelle Barker
Neil Winkles
Pascal Heus
Robert Downs
Simon Parker
Sunil Kushor
Valeria Quochi
Yann Le Franc

Alexandre Hobeika
Anthony Juehne
Calvin Chan
Claudia Engelhardt
Devika Madalli
Galia Weidl
Hilary Hanahoe
Isabelle PERSEIL
Jeremy Geelen
Katerina Zourou
Kristan Kang
Louise Bezuidenhout
Marta Teperek
Minglu Wang
Nora Dörrenbächer
Rainer Stotzka
Rooney Figueiredo Pinto
Stefanie Kethers
Susanna-Assunta Sansone
Wim HUGO
Yong Liu

Amy Pienta
Arnab Paul
Catherine Chronaki
Dana Rad
Dimitris Kotzinos
Gauthier Chassang
Iain Hrynaskiewicz
Jagadeesh G
John Brian Pickering
Katherine McNeill
Laura Morales
Mar Valverde
Mary O'Brien Uhlmansiek
Mitrea Geta
Pamela Andanda
Richard Milne
sabrina Boni
Stéphanie Rennes
Thordis Sveinsdottir
Wissam El-Hage
Yulia Karimova



RDA-COVID19 Software sub-group

RDA COVID19 UMBRELLA GROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19
RDA COVID19 EVENTS (WEBINAR DETAILS)	https://www.rd-alliance.org/node/68704/events
RDA COVID19 WORKING & SUB-GROUP ORGANIZATION	https://www.rd-alliance.org/group/rda-covid19/wiki/working-sub-group-organization
RDA COVID19 SLACK CHANNEL (SELECT #SOFTWARE)	https://app.slack.com/client/T0121RE9LAC/C012V7DT34L
RDA COVID19 SOFTWARE SUBGROUP WEB PAGES	https://www.rd-alliance.org/groups/rda-covid19-software
RDA COVID19 SOFTWARE SUBGROUP GOOGLE FOLDER	https://drive.google.com/drive/folders/103hFPuNPwwEB8kTUopegaFyjNSkObPRI?usp=sharing



Ingrid Dillo
DANS

Software Sub-group Co-chair



Michelle Barker, Research Software Alliance, Fotis Psomopoulos, Institute of Applied Biosciences (INAB|CERTh), Hugh Shanahan, Royal Holloway, University of London

Software Sub-group Moderators

Software Sub-group Editors

Sandra Gesing,
University of Notre Dame
Leyla Jael Garcia Castro, ZB Med
Piotr Wojciech Dabrowski, Robert Koch Institute



RDA-COVID19 Software sub-group

35 members as of 11 May

Members

Alejandra Gonzalez-Beltran
Carole Goble
Daniela Hensen
Henrik Næss
Iryna Kuchma
Katherine McNeill
Mary O'Brien Uhlmansiek
Pieter Heyvaert
Sandra Gesing

Ann Myatt James
Christian Busse
Fotis Psomopoulos
Hilary Hanahoe
James Hetherington
Leyla Garcia
Michelle Barker
Piotr Dabrowski
Shoaib Sufi

Anna-Lena Lamprecht
Claire Austin
Galia Weidl
Hugh Shanahan
Joanna Leng
Lina Elisabet Sitz
Nick Jones
Qian Zhang
Stéphanie Rennes

Bridget Walker
Daniel S. Katz
Gavin Rozzi
Ingrid Dillo
Justine Vandendorpe
Marcos Roberto Tovani-Palone
Paula Andrea Martinez
Rowland Mosbergen

Collaboration with Research Software
Alliance (ReSA)



Working group co-chairs



Juan Bicarregui
STFC



Anne Cambon-Thomsen
CNRS



Ingrid Dillo
DANS



Natalie Harrower
DRI



Sarah Jones
DCC



Mark Leggott
Research Data
Canada



Priyanka Pillai
University of
Melbourne

<https://www.rd-alliance.org/groups/rda-covid19>



Overarching Guidelines Editorial Team



Christophe Bahim
PWC



Ingrid Dillo
DANS



Natalie Harrower
DRI



Mark Leggott
Research Data
Canada



Nicolas Loozen
PWC



Priyanka Pillai
University of
Melbourne



Megan
Underwood
RDA-US/RNA



Mary O'Brien
Uhlmansiek
RDA-US/RNA



Bridget Walker
RDA
Foundation



Overview

RDA in General

Extracts from *RDA in a Nutshell*

<https://www.rd-alliance.org/sites/default/files/attachment/RDA-in-a-nutshell-April-2020.pptx>

RDA COVID-19 WG

Methodology and current status

16th Research Data Alliance **PLENARY MEETING**

10-12 Nov 2020, Centro de Convenciones de Costa Rica, San José

Knowledge **Ecology**



Organized by CONARE Costa Rica and RDA United States

<https://www.rd-alliance.org/plenaries/rda-16th-assembly-meeting-costa-rica>



RDA Plenary 17

20-22 April 2021

Edinburgh



<https://www.rd-alliance.org/plenaries/rda-17th-plenary-meeting>

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Juan Bicarregui

RDA-UK coordinator

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