Celebrating A Decade of Data: The RDA's 10th Anniversary Highlights

December 2023

Context

A Decade of Data 2013-2023
Research Data Alliance

'**Celebrating A Decade of Data: The RDA's 10th Anniversary Highlights**' is a reflective summary of the diversity of events and activities that took place in 2023 to commemorate the Research Data Alliance's 10th anniversary year.

The events and activities showcased herein were organised by members of the international research data community with support of the RDA Secretariat. This summary document has been designed, developed, and created by the RDA Secretariat's Community Development team.

Community Development

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Fares Dhane, International Relations, Digital Research Alliance of Canada
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A Decade of Data

ABOUT THE RDA

Background

Established in 2013, the Research Data Alliance (RDA) is a global, consensus-based, community-driven organisation of over 14,000 individuals, 80 organisational members and over 35 regional networks from 150+ countries, whose mission is to provide a platform to drive innovation surrounding data sharing and interoperability.

The RDA enables data to be shared and reused across geographical, technological and disciplinary boundaries, through outputs developed by groups and volunteer data experts from around the world, and drawn from academia, the private sector and government. The global RDA community has produced over 200 flagship outputs and recommendations, openly available for adoption and implementation.

For more information visit rd-alliance.org.

Our Guiding Principles

- Openness
- Consensus
- Inclusivity
- Harmonisation
- Community-driven
- Non-profit and technology-neutral

Reflections from Early RDA Members

Françoise Genova and Andrew Treloar, share memories of their eight-year journey together as co-chairs of the RDA Technical Advisory Board as well as their thoughts on future directions for the RDA. >>> Listen here.

PodBean

This year, we've been celebrating 10 years of the RDA.

A Decade of Data

To commemorate this important milestone with our community the RDA Secretariat has been organising a series of international and regional events and activities to...

- Reflect on the past, present and future of the RDA.

- Reinforce our mission, vision and guiding principles.

- Recognise our community members, partners and funders.

- Celebrate the community's successes with the wider research data community.

### 10 months to celebrate 10 years of the RDA

From February to November 2023, each month has been dedicated to a research data management-related theme of relevance to the RDA community.

10th Anniversary thematic months

Month	Theme	Month	Theme
February	FAIR data, software and hardware	July	Research data policy
March	RDA's 20th Plenary	August	Disciplinary data
April	Health and medical data	September	Sustainable development and responsible research
May	Metadata and technical infrastructure	October	RDA's 21st Plenary IDW2023
June	Agricultural and environmental data	November	Research data management support and education

FAIR data, software and hardware

F indable A ccessible I nteroperable R eusable
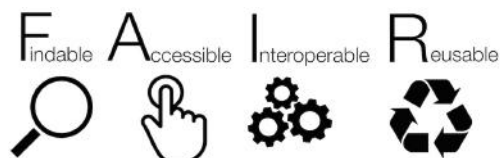
Read more about The FAIR Guiding Principles for scientific data management and stewardship

FAIR for VREs

In this podcast hosted by the RDA US, the RDA's FAIR for Virtual Research Environments (VREs) Working Group shared their motivations for starting the group, the challenges faced, impacts addressed, outputs produced, and how to get involved. >>> Listen here

Data Streams
Data Strea...
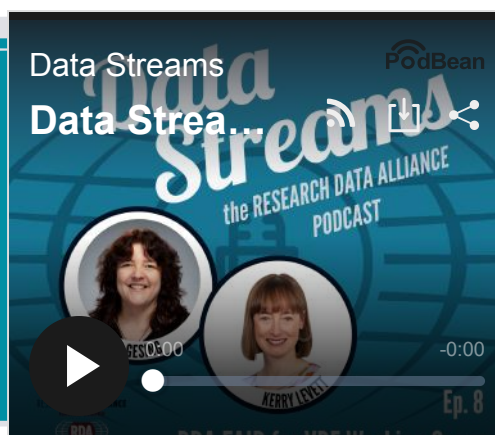
Machine Centric Science Podcast on Software and Workflows - Donny Winston

An interview about FAIR software, workflows, and VREs/science gateways with Sandra Gesing, a Senior Research Scientist and Scientific Outreach and Diversity, Equity, and Inclusion (DEI) Lead at the Discovery Partners Institute at the University of Illinois, Chicago. >>> Listen here

Sandra Gesing

Stories about the FAIR principles in practice, for scientists who want to compound their impacts, not their errors.

Machine-Centric Science

A Decade of Data

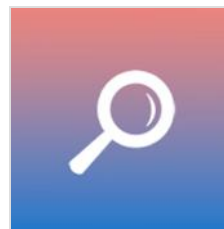# 'RDA for FAIR' Community Cross-fertilisation Workshop

The 'RDA for FAIR' workshop, organised by the RDA Secretariat, brought chairs and members of RDA Working Groups (WGs) and Interest Groups (IGs) together, with members of the wider research data community to share and discuss challenges, solutions and initiatives associated with managing and reusing FAIR research outputs.

Participating groups

- Data Discovery Paradigms IG
- FAIR Data Maturity Model WG
- FAIR Data Digital Object Fabric IG
- CURE-FAIR WG
- FAIR for Research Software (FAIR4RS) IG
- Software Source Code IG
- FAIR Principles for Research Hardware IG
- FAIR for Machine Learning (FAIR4ML) IG

>>> Read the summary

RDA for FAIR Data, Software and Hardware Community...

The community cross-fertilisatio...

zenodo.org

FAIR Data Podcast on Software
- Rory Macneil

Michael R. Crusoe

PREVIEW Mar 1 · FAIR Data Podcast

Save on Spotify

Michael R. Crusoe, co-founder and project lead of the Common Workflow Language (CWL) project, talked about his background in computational biology and software workflows.
>>> Listen here.

Software and Workflows
- Sara El-Gebali

This FAIRPoints webinar on Software and Workflows explored the 'FAIRification' of research software, the workflows and available tools to support the process, and why FAIR software is an important consideration for researchers.
>>> Watch the recording.

FAIRPoints

The event series highlighting pragmatic measures developed by the community towards the implementation of the FAIR (Findable, Accessible, Interoperable, Reusable) data principles.

FAIRoints

Welcome to
Research Data Alliance 20th Plenary Meeting
GOTHENBURG & ON-LINE MARCH 21–23, 2023
www.rd-alliance.org

A Rundown of the RDA Plenary

- 719 global participants
- 62 countries, 6 continents
- 53 RDA sessions
- 13 co-located events

Live music

Building bridges

Contributing to the RDA's strategic direction

Birthday cupcakes

A warm welcome from the Secretary General

A Decade of Data

Inspiring keynotes

Insightful
panel
discussions

Industry
collaborations

More highlights!

• Read the highlights
• View the photo gallery
• Watch the Post-Plenary
Webinars

A Decade of Data

Health and medical data ⚕

Fireside Chat: Reflections and insights from a decade of GA4GH and RDA
- Angela Page

This event reflected on the past ten years of the RDA and the Global Alliance for Genomics and health (GA4GH) and their shared journey in supporting the open data community. Peter Goodhand (CEO, GA4GH) and Hilary Hanahoe (Secretary General, RDA) spoke at GA4GH's annual working meeting in London in front of a hybrid audience of around 200 attendees.
>>> Watch the recording.

"*The RDA and GA4GH have many shared challenges in the areas of organisational sustainability, global engagement, and more. There are many opportunities for the RDA and GA4GH to collaborate and learn from one another going forward. As a result of the discussion, the GA4GH will likely submit to become an Affiliate Member of the RDA.*"
- Angela Page, Director of Strategy and Engagement, GA4GH

'RDA for Health and Medical Data'
Community Cross-fertilisation Workshop

The 'RDA for Health and Medical Data' workshop, organised by the RDA Secretariat, brought chairs and members of RDA Working Groups (WGs) and Interest Groups (IGs) together, with members of the wider research data community to share and discuss challenges, solutions and initiatives associated with managing health and medical data.
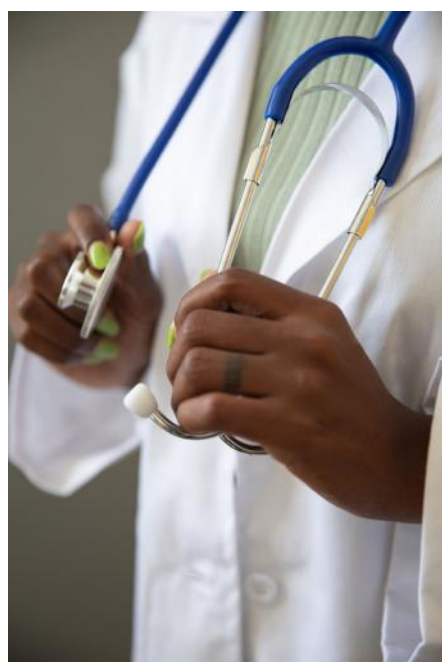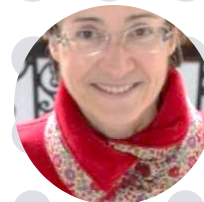
Participating groups
- RDA COVID-19 WG
- Health Data IG
- Privacy Implications of Research Data Sets IG
- Sensitive Data IG

>>> Read the summary

RDA for Health and Medical Data Community Cross-fertilisation...

The community cross-fertilisation workshop,...

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Actions for the RDA Community

1. Share first-hand experience of RDA COVID-19 Working Groups

Create a 'toolkit' reflecting on the successes, lessons learned and steps taken to produce guidelines and best practices for timely data sharing during the COVID-19 pandemic.

2. Create a directory of health and medical data initiatives.

Map and inventorise various tools, resources, systems, services, organisations and communities related to health and medical research data domains.
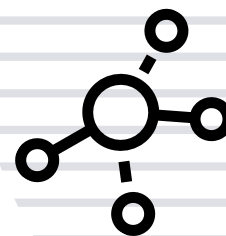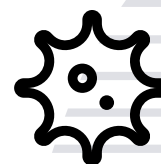
A Decade of Data

Metadata and technical infrastructure
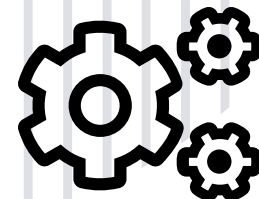
DDI, FAIR, and the emergent role of active metadata: a CODATA-DDI Alliance webinar for the RDA Decade of Data - Arofan Gregory and Laura Molloy

DDI, FAIR, and the Emergent Role of Active Metadata

CODATA-DDI Alliance Training Webinar, 4 May 2023
RDA Decade of Data: Metadata Month of May

The Data Documentation Initiative (DDI) community has provided metadata standards and encouraged data reuse for more than two decades among the social, behavioural and economic sciences, public health research, and within the world of official statistics. This workshop described the key metadata approaches and data management tools developed by the DDI, and how these have changed over time to address the needs of FAIR data sharing, both within and across domain boundaries.
>>> Watch the recording and see the presentation slides.

"The webinar raised awareness of good metadata management, the DDI standards, and how they support FAIR. Presentations went smoothly, attendance seemed consistent, and attendees were engaged."
- Arofan Gregory, Standards Expert, CODATA

Expanding Scholix to support software: Your input required - Rachael Lammey

The RDA/WDS Scholarly Link Exchange (Scholix) Working Group has generated a Scholix metadata schema, helped implement this schema in multiple Scholix hubs and other infrastructure providers, and built a community that provides data citation services. The group has been in maintenance mode since 2019 and continues to work on Scholix adoption with repositories, publishers and other industry groups, along with work with the software community over the past year to explore expanding the schema to support software linking and citation.

This event reflected on the history of the Scholix metadata schema and explored motivations for adding software to the schema.

>>> Watch the recording and see the presentation slides.

A Decade of Data

# Learning resources minimal metadata application profile
- Katarzyna Biernacka

The RDA's Education and Training on Handling of Research Data IG introduced the application profile of the minimal metadata set for learning resources and practitioners presented their implementation of it. Participants learned the background purpose, goals and process by which a recommendation for a minimal set of metadata properties was identified to facilitate the discovery of learning resources. Based on the set, metadata application profiles were designed to facilitate the set's adoption by learning resource teaching and learning service providers.
>>> Watch the recording.

"Participants engaged in a lively question/answer and discussion session with the presenters in order to better understand the approach taken for the development of both a generic metadata application profile based on the set as recommended and sub-profiles designed to be used by existing service providers who have adopted the set."
- Katarzyna Biernacka, Data Steward, Technische Universität Berlin
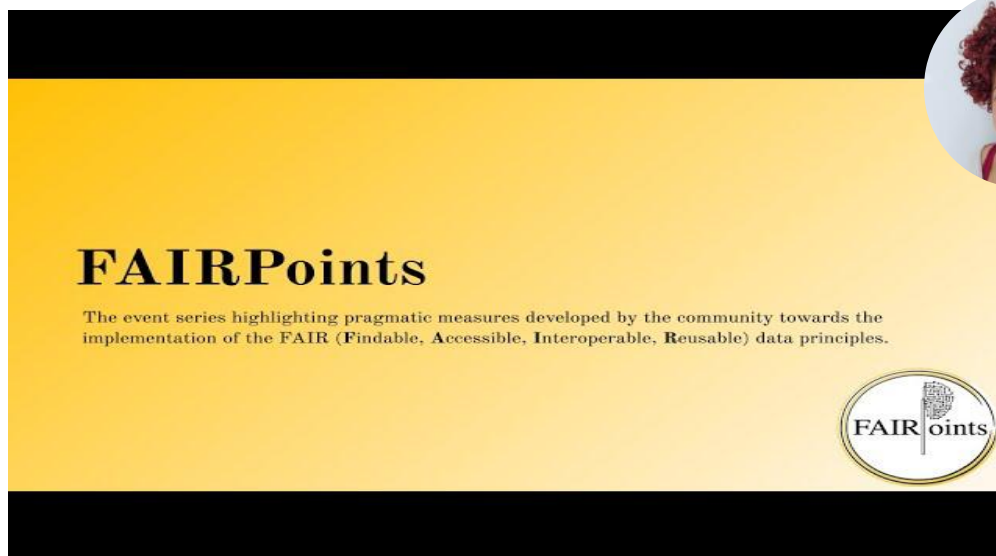
Machine Actionability
- Sara El-Gebali

This FAIRPoints webinar provided a discussion about what is needed to achieve machine actionability (e.g. semantics, metadata, operations, types), why automation is required in research, how researchers create machine actionable research outputs, and the available tools to facilitate application. >>> Watch the recording.

'RDA for Persistent Identifiers' Community Cross-fertilisation Workshop

The 'RDA for PIDs' workshop, organised by the RDA and the Australian Research Data Commons (ARDC), brought chairs and members of RDA Working Groups (WGs) and Interest Groups (IGs) together, with members of the wider research data community to share and discuss challenges, solutions and initiatives associated with the use of persistent identifiers (PIDs).

>>> Read the summary

Participating groups
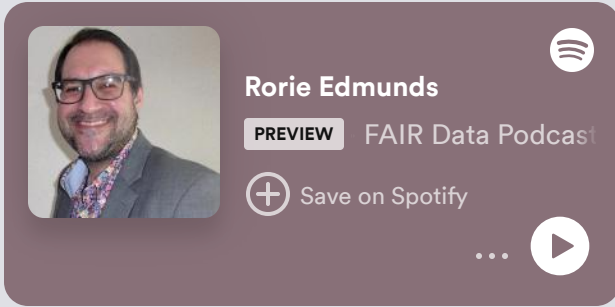- National PID Strategies WG
- PID IG
- Working with PIDs in Tools IG
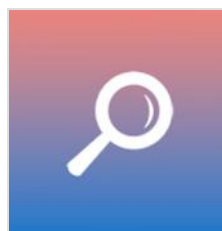
RDA for Persistent Identifiers Cross-fertilisation Workshop Summary

The community cross-fertilisation workshop,...

zenodo.org

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FAIR Data Podcast on PIDs for Samples
- Rory Macneil

Rorie Edmunds, Samples Community Manager at DataCite, engaged in a fascinating conversation focused on the adoption and implementation of PIDs for samples in the form of International Generic Sample Number DOIs (IGSNs). >>> Listen here

Steps towards building interoperability in research tools using PIDs - Rory Macneil and Xiaoli Chen

This workshop presented a series of design and integration guidelines for leveraging persistent identifiers and open metadata infrastructure to build interoperability features on research tools and make research workflows FAIR.
>>> Watch the recording.

"*Participants were very engaged and generously shared their experience and thoughts on introducing PID workflows in their own work. We had the chance to discuss challenges and verify the next steps to developing the integrations and gather input for requirements to supplement the guidelines.*"
- Xiaoli Chen, Project Lead, DataCite
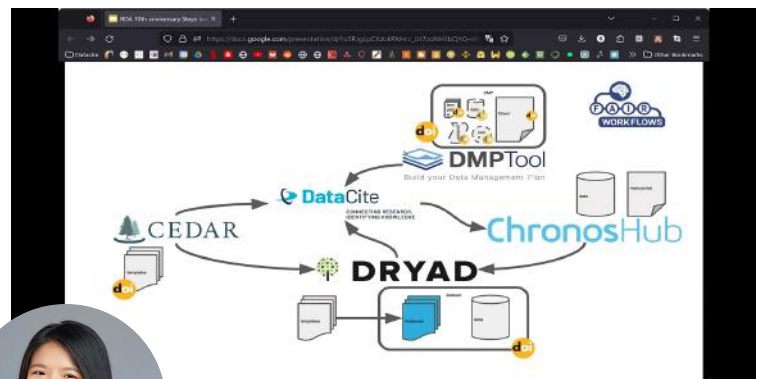
Harmonising Descriptions of Research Data Repositories
- Michael Witt

The RDA's Data Repository Attributes Working Group has developed a list of common attributes that can be used to describe data repositories along with examples that showcase different approaches that repositories are taking to express and expose metadata about themselves.

During this webinar, the Working Group outlined its process and shared a draft list of repository attributes for additional community input before it is submitted for review to become an official RDA Recommendation towards the end of the year.
<<< Watch the recording.

"*New people attended the webinar and joined our working group immediately - we're up to 120 members now! In the discussion at the end, people from two other RDA groups talked about similar work they're doing, giving us the opportunity to collaborate with each other and avoid reinventing the wheel.*"
- Michael Witt, Associate Professor, Purdue University/Re3data.org

Atelier en français sur la certification CoreTrustSeal / Workshop in French on CoreTrustSeal Certification - Françoise Genova

The workshop, held in French, provided a short presentation of the history of the CoreTrustSeal and the role of the RDA in its inception. Workshop participants experienced a guided reading of the CoreTrustSeal Extended Guidance 2023-2025 document which informed them about the characteristics required to provide a trustworthy repository for digital data and metadata.

The workshop intended to reach French speaking colleagues and RDA members. Most participants worked in French research organisations but colleagues from Africa also participated. All participants were engaged and attentive during the workshop. They asked questions and shared valuable knowledge and experience about submitting CoreTrustSeal applications for data repositories.
>>> See the presentation slides.

La certification des entrepôts de données

Françoise Genova, CDS/Observatoire Astronomique de Strasbourg, RDA France, GT Certification
Aude Chambodut, EOST, CNRS INSU, Board CTS
Olivier Rouchon, CNRS, FAIR-IMPACT, Board CTS
Gilles Ohanessian, GT Certification

30/05/2023   Atelier Certification 10 ans RDA   1

"It would be useful to organise RDA community activities to enable representatives from research data repositories that have begun their journey towards certification or have been certified to discuss the challenges they encountered." - Françoise Genova, Director of the Centre de Donnees astronomiques de Strasbourg (CDS), Co-leader of RDA France.

See 'Regional Support to Certification of Data Repositories' event (page 25)

Virtual Research Environments: A Vision for the next 10 years - Sandra Gesing

The future for virtual research environments (VREs) warrants exploration as we consider the possibilities that extend well beyond research and high-performance computing into new interfaces, applications and user communities.

This webinar looked retrospectively at the successes of representative VREs/science gateways. It highlighted existing gaps that VREs need to overcome in areas such as accessibility, usability, and interoperability, and broader outreach by drawing insights from technology adoption research. The webinar makes the case for the VRE community to be more intentional in engaging with users to encourage adoption and implementation, especially in the area of educational usage. This discussion serves as a roadmap for a vision of VREs in the next ten years.
>>> Watch the recording.

The Hugging Face
- Sara El-Gebali
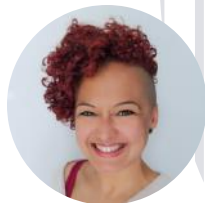
The last ten years have seen machine learning make an increasingly significant impact across all areas of business and society. Machine learning also plays a role in producing new knowledge across the science and the humanities.

The Hugging Face hub is a repository for sharing machine learning models, datasets and demos. It currently comprises over 150,000 models and 25,000 datasets made openly available for others to use and build on. In this webinar, Hugging Face's Machine Learning Librarian, Daniel van Strien, discussed how Hugging Face works to ensure machine learning models can be more easily found, used, and built on by others.
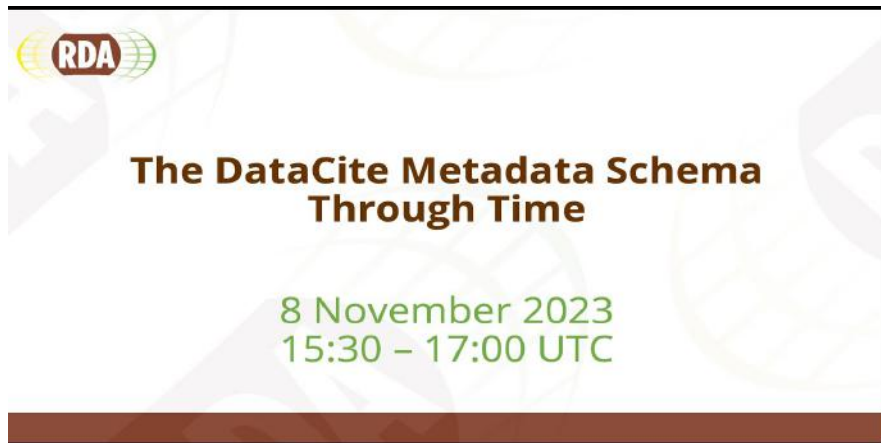>>> Watch the recording.

FAIRPoints

The event series highlighting pragmatic measures developed by the community towards the implementation of the FAIR (Findable, Accessible, Interoperable, Reusable) data principles.
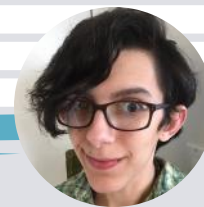
The DataCite Metadata Schema Through Time
- Rorie Edmunds & Kelly Stathis

The DataCite Metadata Schema Through Time

8 November 2023
15:30 – 17:00 UTC

A training session that traced the history of the DataCite Metadata Schema and how it evolved over time.

The session focussed on the relationship between DataCite and the RDA, charting how community consensus and outputs from RDA Interest Groups and Working Groups have influenced the development of the DataCite Metadata Schema and related services.

The session covered how the DataCite Metadata Schema facilitates interoperability, taking a deep dive into related identifiers and SCHOLIX, the PID Graph, and persistent identifiers for instruments. The session also informed how tools can be used to interact with DataCite services.
>>> Watch the recording and see the presentation slides.
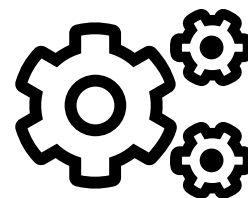
"Outlining the history of the development of the DataCite Metadata Schema helped participants understand how the schema is heavily influenced by our community. In addition, the impact of connecting research outputs through metadata was a takeaway for participants." - Kelly Stathis, Technical Community Manager, DataCite

Agricultural and environmental data
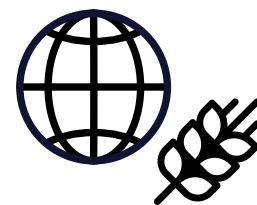
Data Conversations: Working with (big) datasets
- Lena Karvovskaya

This edition of the Data Conversations focused on big data sets. After a general introduction to 'big data', infrastructure available at the Vrije Universiteit (VU) Amsterdam, and general research data management best practices, participants were introduced to Zarr and its community.

Zarr is a format to store large arrays in chunked and compressed manner. Zarr is based on an open specification which enables implementations in various programming languages.
>>> See the presentation slides.

Big Data, Big Compute?
DATA CONVERSATIONS, 15 juni 2023

VU LOOKING FURTHER

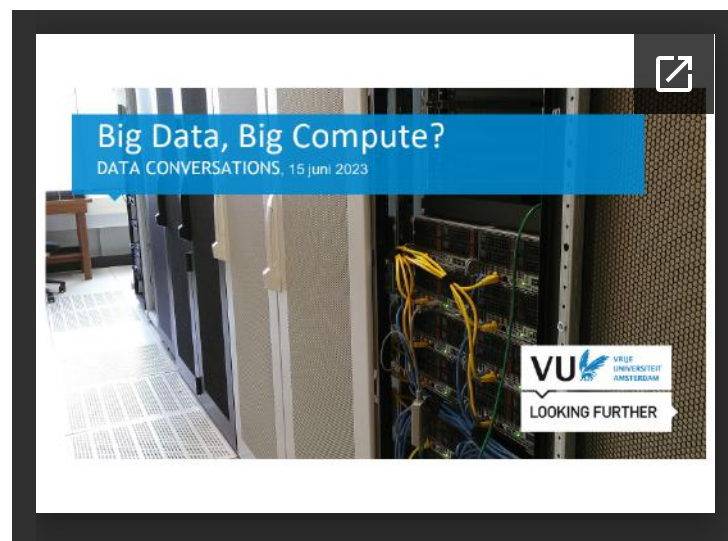*"It was great to connect the VU audience with the international communities of the RDA and Zarr. We had questions from both in person and online participants, and the hybrid format worked well for our event. In the future, we could consider tailoring this event to focus specifically on climate data. We did show some examples, but there are many great use cases to explore."* - Lena Karvovskaya, Community Manager in Research Data Management and Open Science, VU Amsterdam

Historic agricultural and environmental data: Facilitating discovery of, access to, and use of analog data - Shannon Farrell
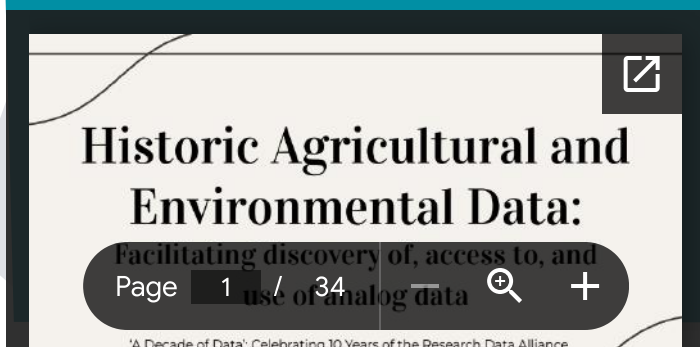
The goal of the session was to raise awareness of the issues surrounding analog data, learn about how institutions are tackling the issue, and generate discussion about next steps. Participants learned about the variety of activities taking place around analog data at different institutions and the standard challenges and opportunities surrounding preserving analog data.
>>> Watch the recording

Historic Agricultural and Environmental Data:
Facilitating discovery of, access to, and use of analog data

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'A Decade of Data': Celebrating 10 Years of the Research Data Alliance

A Decade of Data

Improving Global Agricultural Data (IGAD) Community of Practice (CoP) Third Annual Meeting - Cynthia Parr

The aim of the IGAD CoP third annual meeting was to share knowledge gained across worldwide agricultural data projects through five virtual sessions, including one in Russian.
>>> See the playlist of presentations.

1st example:
Predicting Soybean SDS

agmatix
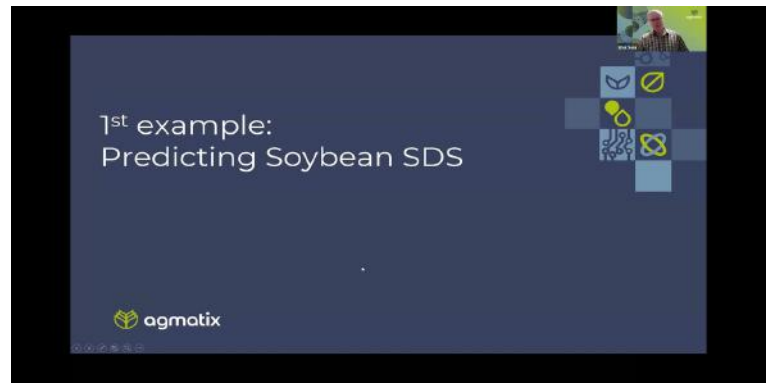
"The topics are of worldwide interest and increasingly sophisticated. Agrisemantics is advancing from ontology development to filling gaps and creating cross-domain traversals. Ethics and legal issues involve consideration of power balances and legal instruments to support collection and use of data. Countries from South Caucasus and Republic of Moldova networked around digitalisation of agricultural data. Effective data partnerships, platforms, ethics, and skills are key in realising the promise of artificial intelligence for the agricultural enterprise."
- Cynthia Parr, Assistant Chief Data Officer, USDA National Agricultural Library

ARDC
Australian Research Data Commons

Australian Research Data Commons (ARDC) Planet Research Data Commons - Hamish Holewa

The aim of this event was to explore the development of the Planet Research Data Commons in the context of the RDA and to outline the benefits of the RDA.
>>> Watch the recording.

PLANET RESEARCH DATA COMMONS
And the impact of being involved in the RDA
RDA
RESEARCH DATA ALLIANCE

ARDC   NCRIS
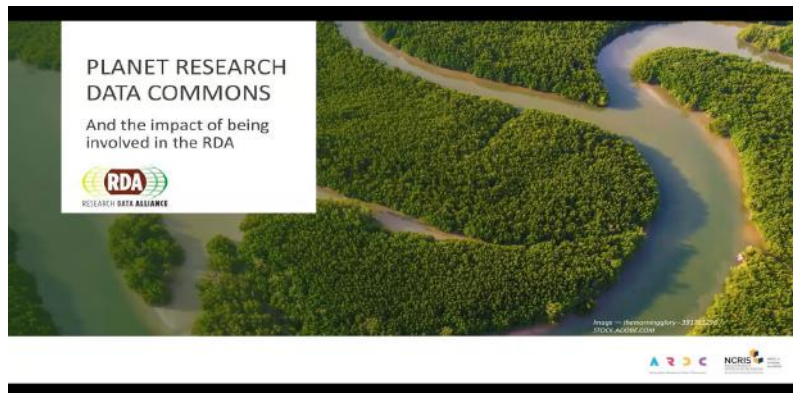
'RDA for Agricultural and Environmental Data' Community Cross-fertilisation Workshop

The 'RDA for Agricultural and Environmental Data' workshop, organised by the RDA Secretariat, brought chairs and members of RDA Working Groups (WG) and a Community of Practice (CoP) together with members of the wider research data community to share and discuss challenges, solutions and initiatives associated with managing agricultural and environmental data.

Participating groups
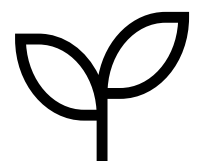• Improving Global Agricultural Data (IGAD) CoP
• Global Water Information IG

>>> Read the summary

RDA for Health and Medical Data Community Cross-fertilisation...
The community cross-fertilisation workshop,...
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A Decade of Data

Research data policy

FAIR Data Podcast on Intergovernmental Panel on Climate Change (IPCC) projects

Lina Sitz and Anna Pirani joined Rory Macneil to discuss some of the interesting issues faced and addressed in their latest project at the Intergovernmental Panel on Climate Change (IPCC). The IPCC is the United Nations body for assessing the science related to climate change.
>>> Listen here.

ipcc
Sitz and Anna Pirani
Jul 6 · FAIR Data Podcast
PREVIEW

'RDA for research evaluation' Community Cross-fertilisation Workshop

The community cross-fertilisation workshop, 'RDA for Research Evaluation', brought chairs and members of RDA Working Groups (WGs) and Interest Groups (IGs) together with members of the wider research data community to share and discuss challenges, solutions and initiatives associated with research evaluation. This workshop was a collaboration with the Australian Research Data Commons (ARDC), with Liz Stokes (Skilled Workforce Development; ARDC) as guest co-host.

Participating groups
- Evaluation of Research IG
- Sharing Rewards and Credit (SHARC) IG
- Data policy standardisation and implementation IG

>>> Read the summary
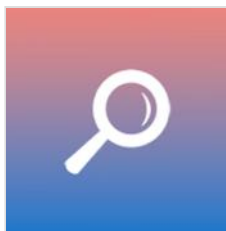
RDA for Research Evaluation Community Cross-fertilisation...

The community cross-fertilisation workshop,...

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Disciplinary data

The WorldFAIR Case Study on plant-pollinator interactions
- Debora Drucker

This webinar presented findings from the discovery phase of WorldFAIR Work Package 10 (Agricultural Biodiversity): FAIR assessments, good practices, tools and examples to create, manage and share data related to plant-pollinator interactions. A large amount of plant-pollinator interactions data is in supplementary files of research articles and most of these data are lacking FAIRness in many aspects. WorldFAIR Work Packages 9 and 10 are working on a data model to change this scenario.
>>> Watch the recording and see the presentation slides.

Pollinators & their pollination services are important!

- Majority of flowering plants are animal pollinated – est. 87.5% of angiosperms = 308,000 spp. (Ollerton et al. 2011 - Oikos)

- Without pollinators, one third of angiosperms produce zero seeds and half have an 80% or more reduction (Rodger et al. 2021 – Science Advances)
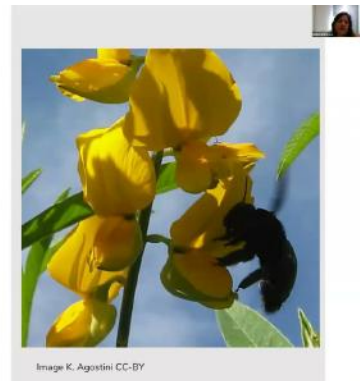
Slide: modified from Jeff Ollerton

Image K. Agostini CC-BY

"*Participants expressed that differences between representing species occurrences to representing species interactions with the DarwinCore standard were clearly presented. It was agreed that the new data model should properly accommodate and standardise biotic interactions data, allied to a Plant-Pollinator Interaction Vocabulary (PPI), to represent organisms traits and interactions. On another note, it would have been interesting to have talked more about the Cross-Domain Interoperability Framework (CDIF) and to have showcased opportunities for interdisciplinary research.*" - Debora Drucker, Analyst, Embrapa (Brazilian Agricultural Research Corporation).

The Australian Research Data Commons (ARDC) Thematic Research Data Commons and CAREful FAIRness - Jenny Fewster

This webinar aimed to demonstrate the application of the FAIR and CARE principles for data.
>>> Watch the recording.

"*The first ARDC Research Data Commons is the Humanities, Arts and Social Sciences (HASS) and Indigenous RDC (HASS & I RDC). HASS research data helps us to better understand culture, society and human wellbeing. It helps us understand the past, interpret the world we live in, and imagine the future. For Australia's Indigenous peoples, data can be transformational, empowering them to tell their own stories and advocate for change. But, the current state of Aboriginal and Torres Strait Islander research data assets leaves them vulnerable to loss, limits data discovery and use, even by traditional owners, and results in the duplication and the over-researching of Aboriginal and Torres Strait Islander communities.*" - Jenny Fewster, Director, HASS and Indigenous Research Data Commons

The ARDC Thematic Research Data Commons and CAREful FAIRness

30 August 23 | PRESENTED BY
Jenny Fewster and Robert McLellan

ARDC
Australian Research Data Commons

A Decade of Data

WorldFAIR: Image sharing systems and practices in cultural heritage - Beth Knazook

The Digital Repository of Ireland (DRI) is the Work Package lead for the Cultural Heritage Case Study in the Horizon Europe funded WorldFAIR Project. The aim of this event was to present the first deliverable for that case study: a landscaping report on image sharing practices in the cultural heritage sector. The information gathered in that report would then inform a Recommendations Report to improve FAIR alignment and FAIR sensitive assessments of cultural heritage images as data. Through this event, DRI invited discussion from the RDA community around developing recommendations.

Participants were given a high-level overview of professional guidance and standards that inform how images are shared across the cultural heritage sector. The webinar also walked through a summary of technological trends in the delivery and exchange of images on major national and international image-sharing platforms (i.e. Europeana, Wikimedia Commons, Digital Public Library of America, etc.).
>>> Watch the recording and see the presentation slides.

'RDA for Disciplinary Data' Community Cross-fertilisation Workshop

The community cross-fertilisation workshop, 'RDA for Disciplinary Data', brought chairs and members of RDA Working Groups (WGs) and Interest Groups (IGs) together with members of the wider research data community to share and discuss challenges, solutions, and initiatives associated with managing disciplinary data. This workshop was presented on behalf of EOSC Future project, an H2020 funded project to develop the European Open Science Cloud (EOSC), with Beth Knazook (Digital Repository of Ireland) as guest co-host. This workshop included findings from the RDA's Engagement with Underrepresented Communities in EOSC.

Participating groups
 • RDA/EOSC Future Domain Ambassadors
 • RDA for Disciplines
 • Life Science Data Infrastructures IG
 • Linguistics Data IG
 • Biodiversity Data Integration IG

>>> Read the summary

RDA for Disciplinary Data Community Cross-fertilisation...

The community cross-fertilisation worksho...

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A Decade of Data

Sustainable development and responsible research

Equitable and transparent access to information and knowledge
- Sara El-Gebali

This [FAIRPoints](#) webinar provided a discussion about the role of infrastructure for open and equitable access of information, how this reflects in design decisions and how open and FAIR relate to or mean to the rest of the world.
>>> Watch the recording.

The Role of Artificial Intelligence in Building Responsible Open Science Frameworks
- Francis P. Crawley and Natalie Meyers

This event highlighted the transformative potential of Artificial Intelligence (AI) to shape the landscape of Open Science, exploring innovative infrastructures and tools alongside ethical, legal, and societal considerations and lively discussions on the question of 'How can we ensure a human face to science in an increasingly digital and algorithmised world?'

RDA Artificial Intelligence and Data Visitation WG members presented guidance on informed consent, ethical, legal and rights considerations for AI and Data Visitation within the EU/EOSC infrastructures for AI and other leading national and international Open Science infrastructures as well as UNESCO's recommendations on Open Science and Ethics of Artificial Intelligence.

Participants shared more than twenty Responsible AI (RAI) strategies that encourage innovation, ten ideas for RAI governance that encourage increased trust, fourteen suggestions for RAI governance related to systems developed on EOSC and other Open Science Infrastructures for ethical decision-making, along with sixteen ideas for RAI that ensure a positive social impact.
>>> Watch the recording.

"Over the next 6-12 months participants want to know more about Informed Consent and AI, AI in Medicine and Health, Responsible AI and Risk Mitigation, AI and International Policy and AI in Education. Future webinars can be improved by allowing more time for participant discussion on these topics." - Natalie Meyers, Professor of the Practice, Lucy Family Institute for Data & Society, University of Notre Dame | SDSC, UCSD

A Decade of Data

'RDA for UN Sustainable Development Goal (SDG) 17' Community Cross-fertilisation Workshop
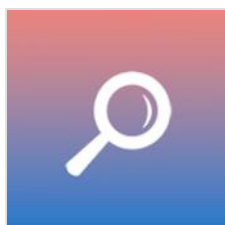
The community cross-fertilisation workshop, 'RDA for UN Sustainable Development Goal (SDG) 17: Capacity building, data sharing, infrastructure and development', brought chairs and members of RDA community groups together, with members of the wider research data community, to share and discuss challenges, solutions and initiatives associated with contributing to SDG 17 (Partnerships for the Future).

Participating groups
- RDA for the Sustainable Development Goals IG
- Data for Development IG
- RDA/CODATA Data Systems, Tools and Services for Crisis Situations WG
- Artificial Intelligence and Data Visitation (AIDV) WG

>>> Read the summary

RDA for UN Sustainable Development Goal (SDG) 17...

The community cross-fertilisation...

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Actions for the RDA Community

1. Raise awareness and increase engagement of RDA groups in contributing towards the Sustainable Development Goals (SDGs).
2. Identify and map groups that are directly or indirectly contributing to one or more SDGs.
3. Facilitate global dissemination and outreach to showcase the RDA's contribution to the SDGs.
4. Continue to cultivate regional partnerships within the Global South.

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21st Plenary 2023

PART OF: 23-26 OCT 2023 SALZBURG — International Data Week · A FESTIVAL OF DATA

A Rundown of the fourth edition of IDW

- 834 global participants
- 48 countries
- 154 IDW sessions
- 45 RDA sessions
- 99 posters

Networking opportunities

Interactive working sessions

Music Reception at Salzburg Residenz Palace

More highlights!

- Read the highlights
- View the photo gallery
- Watch the Post-Plenary Webinar Recordings

RDA Virtual Plenary 22
14-23 May 2024

LOCAL ACTION - GLOBAL CONNECTION

Stay updated about the next Plenary in 2024!

A Decade of Data

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Research data management support and education 🎓

Regional Support to Certification of Data Repositories - Françoise Genova

CoreTrustSeal (CTS), which was derived from the Recommendations of the RDA Repository Audit and Certification DSA/WDS Partnership Working Group, is well recognised as a community driven, domain agnostic, core certification framework. There are currently more than 160 CTS certified repositories.

This workshop showcased seven relevant regional and thematic initiatives, each informing about their organisation, activities, and good practices.
>>> Watch the recording.

"Workshops on certification, online documentation, writing groups, mentoring, one-to-one support, and peer reviewed applications, were among the successful supporting activities for data repository certification. Funding is also an incentive, if available. Each repository presents a unique and specific case, and support for certification has to be developed and maintained long-term. Repositories are stronger working together. Networking is a key trend trend for the future at thematic, national, regional and international levels." - Françoise Genova, Director of the Centre de Donnees astronomiques de Strasbourg (CDS), Co-leader of RDA France.

'RDA for Research Data Management Support and Education' Community Cross-fertilisation Workshop

image.png
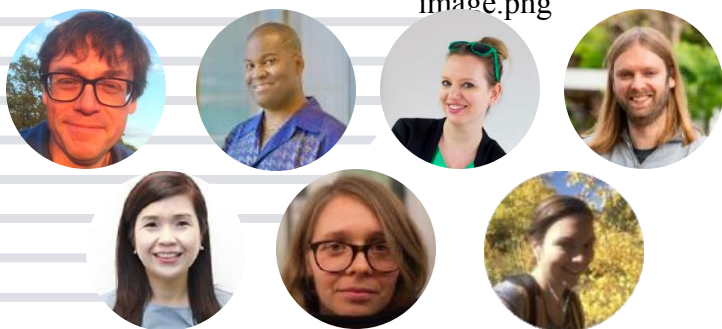
The 'RDA for Research Data Management (RDM) Support and Education' workshop, organised by the RDA Secretariat, brought chairs and members of RDA Working Groups (WGs) and Interest Groups (IGs) together, with members of the wider research data community to share and discuss challenges, solutions and initiatives associated with providing research data management support and education for researchers and data professionals.

Participating groups
- CODATA/RDA Research Data Science Schools for Low and Middle Income Countries (SoRDS) IG
- Early Career and Engagement IG
- Education and Training on Handling of Research Data IG
- Engaging Researchers with Data IG
- Libraries for Research Data IG
- Professionalising Data Stewardship IG

>>> Read the summary
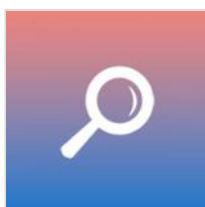
RDA for Research Data Management (RDM) Support and Education Community...
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A Decade of Data

Facilitating FAIR practices in research methods, data, and software in Natural and Engineering Sciences - An example from the Dutch landscape - Mira Stanic and Joanne Yeomans

This webinar presented the Thematic Digital Competence Centre for the Natural and Engineering Sciences (TDCC-NES) in the context of the Dutch research data management landscape. The TDCC-NES aims to bring community together and make international connections to address shared domain challenges through funded projects.

Participants learned about the challenge areas described in the TDCC-NES roadmap that will be addressed through projects in the next couple of years, and were therefore invited to contact TDCC-NES if they are also working in similar areas within the NES domain and think there could be mutual benefits in collaborating.
>>> Watch the recording.

"*The webinar prompted discussions about the role that the RDA could play in bringing people together who are working in similar domain areas and want to connect projects internationally. It's difficult to find out about how different countries are organised, what work is taking place, and how to make connections to avoid reinventing the wheel. But when we do discover these connections, it can lead to some exciting projects!*"
- Joanne Yeomans, Network Manager, TDCC-NES

Connecting communities to promote FAIR resources: perspectives from an RDA/EOSC Future Domain Ambassador - Allyson Lister

As part of Allyson's RDA/EOSC Future Ambassadorship, she has launched the FAIRsharing Content & Community Programme, which brings together discipline experts to curate FAIRsharing content and create FAIR educational material. In return, they are attributed for their efforts, gain expertise and become a part of a network of like-minded data enthusiasts that, as a result of the will continue for years to come.

This event highlighted the work of these enthusiastic domain experts, and how they have worked to connect their communities with the material and resources they need. The event summarised the importance of and challenges facing the RDA and EOSC Future in effective community building as well as dissemination of outputs.
>>> Watch the recording.

Celebrating A Decade of Data:
The Community Cross-fertilisation Carousel

An end-of-year webinar hosted & organised by the RDA Secretariat

Thursday, 30 November 2023
06:00 – 07:30 UTC
16:00 – 17:30 UTC

On November 30th, the RDA's 10th anniversary celebrations culminated in a 1-hr webinar to reflect on the outcomes of the Community Cross-fertilisation Workshop series.

During this webinar, participants were taken through a whistle-stop tour of the workshop series, exploring the content, and learning about the main challenges and future actions for the RDA community to focus on for each theme.
>>> Watch the recording.

FAIR Data, Software & Hardware
See the Community Cross-fertilisation Summary document
Maggie Hellström

CHALLENGES
1. FAIR implementation is not coherent across different research outputs, i.e. data, software, ...
2. Uneven access to necessary technical infrastructure incl. catalogues & repositories
3. Not enough incentives to adopt FAIR principles in RDM activities

SOLUTIONS
1. Long-term funding for data stewards and other support staff
2. Invest in easy-to-access infrastructure, tools and training
3. Use (& develop further) existing recommendations for criteria and metrics

ACTIONS FOR THE RDA COMMUNITY
1. More collaboration & exchange across relevant WGs & IGs!
2. Increase outreach to (new) audiences, bringing them into the discussion
3. Continue to map & track FAIR-related initiatives and engage with these

rd-alliance.org @resdatall

Thank you to all presenters and participants for making the RDA's 10th birthday so special!

The RDA's end-of-year event

Thank you

Thank you to all the members, organisations, and funders
that are instrumental to the RDA.

Join the RDA Family

A Decade of Data 2013-2023
Research Data Alliance