
Research Data Alliance

Leslie McIntosh, PhD *Executive Director RDA-US*
borrel2@rpi.edu

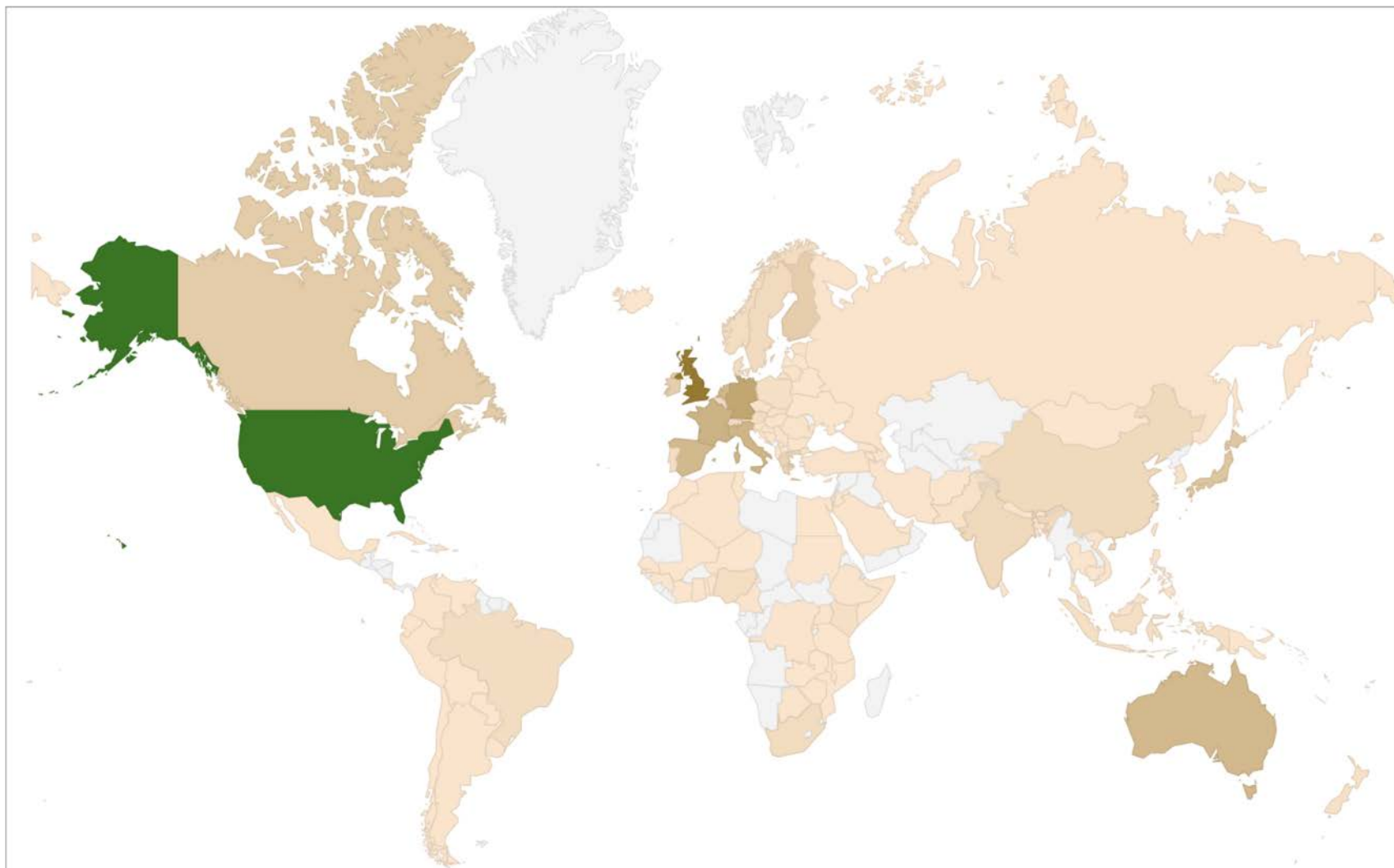
Edit Herzog, RDA Council Member

Principle 1

Data
drives innovation

Principle 2

Data sharing
accelerates innovation



RDA Vision

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

RDA Mission

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

What is the
problem?

Data are not an asset if you...

- Can't find it
- Can't access it
- Can't understand it
- Have it in the wrong form
- Don't preserve it

What is our
solution?

RESEARCH DATA ALLIANCE



RDA Member Work

Working Groups (WG) – 12-18 month efforts to **build, adopt, and use** specific pieces of infrastructure

Interest Groups (IG) – Longer-lived discussion forums that spawn WGs as specific pieces of needed infrastructure are identified.

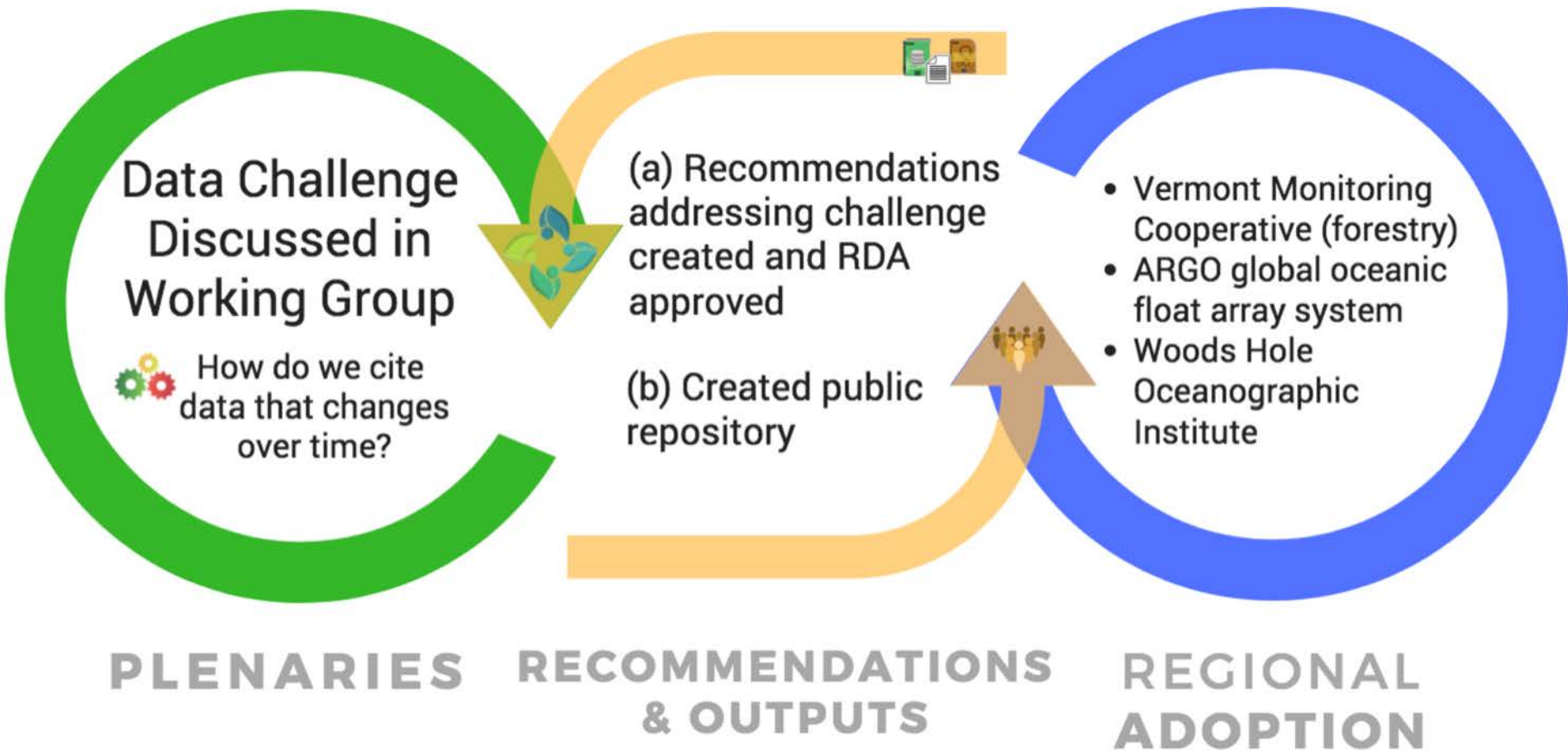
Birds-of-a-Feather (BOF) – Groups that leverage the RDA environment to create synergy and community around emerging topics

Co-located Meetings – Advancing groups in the data community through synergistic interaction with RDA

RDA Recommendations

“Create - Adopt - Use” -- RDA products focus on impact:

- ✓ **Adopted** code, policy, specifications, standards, or practices that enable data sharing
- ✓ “**Harvestable**” efforts for which 12-18 months of work can eliminate a roadblock
- ✓ Efforts that have **substantive applicability**
- ✓ Efforts that can **start today**



RDA Process Example: Citing Evolving Data

23 Things: Libraries for Research Data



23 coisas: Bibliotecas e Dados Científicos

Visão geral de recursos úteis e ferramentas online livres que podem servir para integrar a gestão de dados científicos no trabalho prático dos profissionais das bibliotecas.

Partilhar Dados Científicos sem Barreiras

Recursos de aprendizagem

Os Bibliotecários estão a aprender como aplicar os princípios da Biblioteconomia e da Ciência da Informação para resolver problemas e providenciar novos serviços relacionados com a Gestão de Dados Científicos.

1. Lista das **10 recomendações** da LIBER para as Bibliotecas se iniciarem na Gestão de Dados Científicos, <http://bit.ly/RDAthing1>

Recursos de Aprendizagem
Dados de referência e disseminação
Planos de Gestão de Dados
Literacia de Dados
Citação de Dados
Licenças e Privacidade
Preservação Digital
Repositórios de Dados e a Comunidade de Prática

...para apoiar os Bibliotecários a envolverem-se na gestão de dados científicos!

10. Perguntas sobre Gestão de Dados respondidas por especialistas no forum **DataQ**, <http://bit.ly/RDAthing10>

Planos de Gestão de Dados

Os Bibliotecários estão a familiarizar-se com os requisitos dos financiadores de ciência, providenciando consultoria aos investigadores para os apoiar a elaborar e implementar Planos de Gestão de Dados.

11. A **DMPTool** identifica os requisitos de financiadores nos Estados

Working Group	Outputs	Impact	Adopters
Repository Audit and Certification/DSA-WDS Partnership WG <i>(data consumer, social solution)</i>	Repository Audit and Certification Catalogues	Creates harmonized Common Procedures for certification of repositories, drawing from procedures already put in place by DSA and ICSU-WDS	CLARIN, International Oceanographic Data and Information Exchange programme, CESSDA SaW Project
Data Type Registries WG <i>(data provider, technical solution)</i>	Data type model and prototype registry	Provides machine-readable and researcher-accessible registries of data types that support the accurate use of data	CNRI, International DOI Foundation, Materials Genome Initiative, Deep Carbon Observatory, EUDAT
Wheat Data Interoperability WG <i>(data consumer, technical solution)</i>	Common framework for Wheat Data Terminology to enable interoperability between distinct data collections	Semantically linked terms describing wheat data so researchers can share harvest and related information between data sets and communities	Wheat Initiative Information System, FAO AIMS, INRA

Outreach and Adoption

Partnerships

- American Geophysical Union (AGU)
- Research Data Canada (RDC-DRC)
- National Data Services
- Big Data Hubs

Organizations

- NSF, NIH, NIAID
- Sloan, OFRG
- Industry

Workshops

- Stanford
- AMIA Summits
- Jamaica Statistical Assoc.

Questions & Answers

Contacts:

RDA-US - info@us.rd-alliance.org

Web - www.rd-alliance.org

Twitter - [@resdatall](https://twitter.com/resdatall)

LinkedIn - www.linkedin.com/in/ResearchDataAlliance