

# **The Interest Group on Agricultural Data (IGAD): space for networking and blending ideas related to data management and interoperability**

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# Interest Group on Agricultural data (IGAD)

Formed in 2013, IGAD has over 260 members, being one of RDA's most prominent thematic groups.

Domain-oriented group working on all issues related to global food and agricultural data

Represents stakeholders in managing data for agricultural research and innovation, including producing, aggregating and consuming data

Forum for sharing experiences and providing visibility to research and work in agricultural data



# Objectives

To raise awareness about the importance of opening up access to data repositories by researchers and private stakeholders, including farmers.

To focus attention on implementing good data management policies and RDA recommendations within institutions (these should support openness and provide standards that could be applied to data repositories).

To highlight the need for tools and existing standards to facilitate FAIR data management.

# IGAD-associated WGs

1. Wheat Data Interoperability WG
2. AgriSemantics WG
3. Metrics and Indicators in Agricultural Science (BoF)
4. Capacity Development for Agricultural Research Data\*
5. Soil Data Group\*

# Connecting people and organizations

IGAD CoP is a space where its members come together to discuss, collaborate and promote recommendations (impact of IGAD goes beyond the RDA framework)

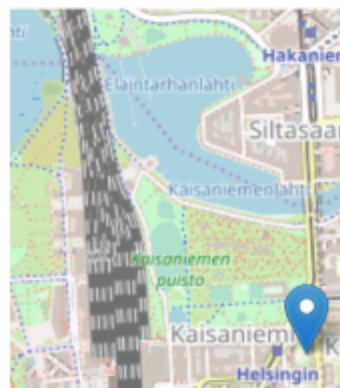
Established pre-meetings prior to plenaries organized with local organizations with about 80/100 participants each edition. Since 2019, these events are online.

Members from all continents.

## The IGAD Pre-Meeting P14 will focus on IGAD/RDA Recommendations: Implementing Good Practices in Agriculture

Since its inception in 2013, the strength to over 170 member Thematic Groups. IGAD is a data. It represents stakeholders this includes those producing, in research with regards to data. In addition, IGAD is a forum for agricultural data.

Many thanks to the University location is:  
Room Sali 2, Metsätalo, Unionin  
<https://tilavaraus.helsinki.fi/en>



# AIMS

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08.09.2021

## RDA/IGAD Webinar: Supporting Open Data in agriculture with F1000Research



The fourth webinar part of the Research Data Alliance Interest Group for Agricultural Data (IGAD)'s new Coffee Break initiative took place on 8 September. The webinar, titled 'Supporting Open Data in agriculture with F1000Research' featured Guillaume Wright from F1000Research.

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16.06.2021

## RDA/IGAD Webinar: Aligning AGROVOC and Ontologies to connect semantics to improve Agrifood data annotation and interoperability



The first webinar as part of the Research Data Alliance Interest Group for Agricultural Data (IGAD)'s new Coffee Break initiative took place on 16 June with more than 50 participants. The webinar, titled "Aligning AGROVOC and Ontologies to connect semantics to improve Agrifood data annotation and interoperability" featured Pier Luigi Buttigieg, Helmholtz Metadata Collaboration/GEOMAR Helmholtz Centre for Ocean Research and inspired great dialogue between the participants and presenter during the final 15-minute Q&A session.



# Knowledge sharing and engagement

The new IGAD Coffee Break webinar series, which features eight different webinars and presenters running from 16 June to 27 October 2021. The innovative initiative will help to create an ongoing dialogue and encourage the exchange of experiences and ideas on agricultural research and innovation within the IGAD community and beyond.

## Upcoming events

**Webinar:** ‘Growing Digital Agriculture from the Grassroots: designing just and sustainable agricultural data applications’

**Date:** 20 October, 2021 from 13:00 to 13:30 CEST

**Presenters:** Sarah-Louise Ruder, Dr. Hannah Wittman, and Kevin Cussen, British Columbia’s Institute for Resources, Environment, and Sustainability

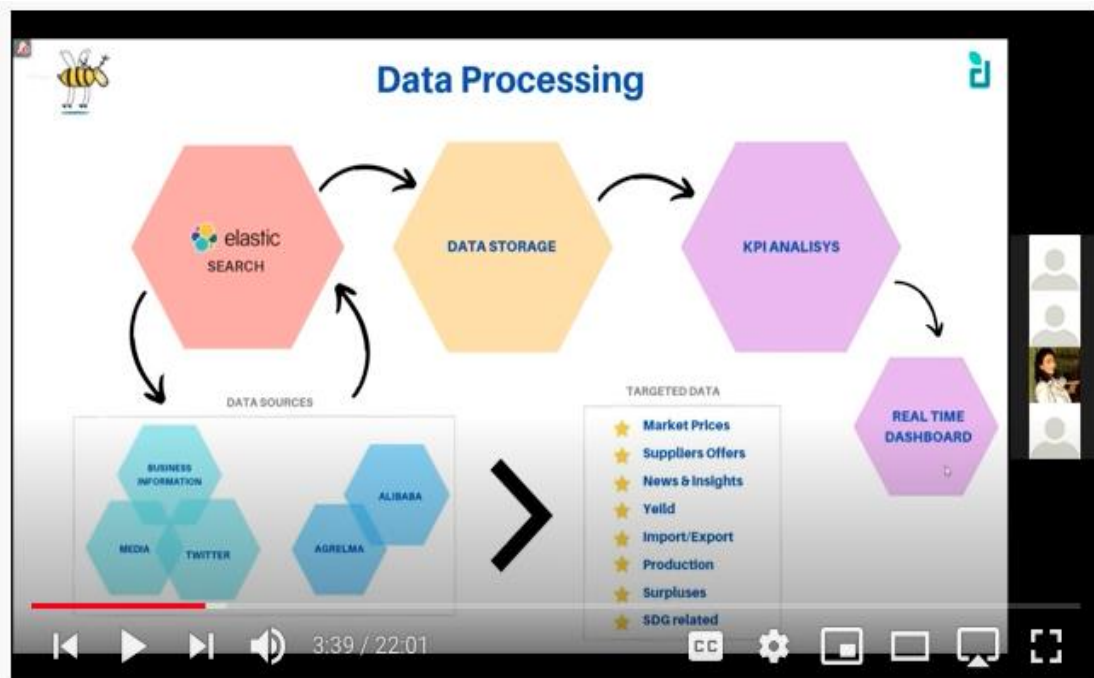
**Webinar:** Analysis of time series of Sentinel 1 and Sentinel 2 data – the new quality of information for Agriculture’

**Date:** 27 October, 2021 from 13:00 to 13:30 CEST

**Presenter:** Karel Charvat, Plan4All

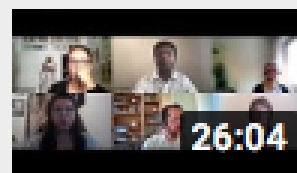
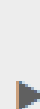
# Knowledge sharing and engagement

Find all of IGAD's past webinars on RDA's YouTube playlist titled 'RDA / IGAD webinar series'



## RDA / IGAD webinar series

RDA Research Data Alliance - 1 / 30

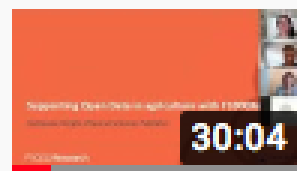


26:04

**IGAD Coffee Break 5 - 22  
September "Data innovatio...**

RDA Research Data Alliance

2



30:04

**IGAD Coffee Break 4 - 8  
September Supporting Op...**

RDA Research Data Alliance

3

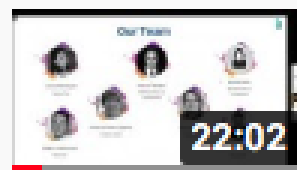


28:50

**IGAD Coffee Break 3 - 14  
July Intro to the Georgian...**

RDA Research Data Alliance

4



22:02

**IGAD Coffee Break 2 - 30  
June 2021 Agricultural...**

RDA Research Data Alliance



# Plenary Meetings and Pre-meetings

RDA P16. November 2020 Costa Rica and Virtual [Insights, Results](#)

RDA P15. April 2020 in Melbourne (Australia) [Insights, Results](#)

RDA P14. October 2019 in Helsinki (Finland) [Agenda](#) [Recordings](#)

RDA P13. April 2019 in Philadelphia (USA) [Invitation and agenda](#), [Insights](#)

RDA P12. November 2018 in Gaborone (Botswana) [Invitation and agenda](#), [Insights](#)

RDA P11. March 2018 in Berlin (Germany) [Invitation and agenda](#), [Insights](#)

RDA P10. September 2017 in Montreal (Canada) [Invitation and agenda](#), [Insights](#)

RDA P9. April 2017 in Barcelona (Spain) [Invitation and agenda](#), [highlights](#)

RDA P8. September 2017 in Denver (USA) [Highlights](#)

RDA P7. March 2016 in Tokyo (Japan) [Agenda, results, highlights](#)

RDA P6. September 2015 in Paris (France) [Insights, Results](#)

RDA P5. March 2015 in San Diego (USA) [Agenda](#)

RDA P4. September 2014 in Amsterdam (The Netherlands) [Agenda](#)

RDA P3. March 2014 in Dublin (Ireland)

RDA P2. September 2013 in Washington DC (USA)

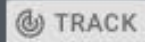
# Engaging with the research community

Agricultural world included in the context of IGAD but also many other related sciences

Success of Wheat Data Interoperability because structured and vivid communities pre-exist to the WGs, a challenge for others like Rice Data Interoperability

Collaborating in WGs in other communities

Promoting the adaptation of other communities outcomes within IGAD, no re-inventing the wheel

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1-20 of 45 ARTICLES



RESEARCH ARTICLE metrics



**REVISED** Using agricultural metadata: a novel investigation of trends in sowing date in on-farm research trials using the Online Farm Trials database [version 2; peer review: 1 approved, 2 approved with reservations]

Judi Walters, Kate Light, Nathan Robinson

PEER REVIEWERS Daoud Urdu and Sjaak Wolfert; James Hunt; Medha Devare

LATEST VERSION PUBLISHED 26 May 2021

BRIEF REPORT metrics



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## Gateway Areas



Open Knowledge in Agricultural Development



GODAN Presentations



GODAN Documents and Reports



# Members

Different levels of engagement, depending on institutions and interests.

Big effort to bring the Global South, but when chairing WGs IGAD faces logistic issues to achieve results on time.

Key stakeholders in the agricultural sciences are well represented in IGAD, however there is still lot to do to promote IGAD outputs and to engage with more national/regional/international organizations.

# Community of Practice. New

4<sup>th</sup> type of classification / group in RDA (in addition to BoF, IG & WG)

Discipline / domain specific focus

## Characteristics

- Representation of the main discipline / domain stakeholders (recognised institutions, associations, etc.)

- Critical mass of group membership (100+)

- International membership (at least 10 countries)

- Letters of support evidencing the value of CoP

- At least 1 working group created and recommendation endorsed

# Transitioning to RDA CoP

- CoPs
  - effort to build discipline or domain specific communities
  - investigate, discuss and provide knowledge and skills within a specific discipline and/or research domain
  - facilitate knowledge sharing among experts from that area
  - committed to directly or indirectly enabling data sharing, exchange and/or interoperability by serving as THE coordination focal point for RDA in those specific disciplines/research domains.
- Natural role for IGAD who has already developed this profile over the years
  - networking with other CoPs
  - inclusive policy to enable the Global South to be represented in RDA



# Conclusions

As a convener bringing together many regional networks into a global CoP, IGAD can promote:


- Global awareness of FAIR

- Regional input and use cases for standards and initiatives

- Protection of farmer and other data rights, while increasing value for research

- Increased linkage with other domain expertise

# Joining



**O&A Members** **65**

Active Organisational & Affiliate members


**MEMBERSHIP** **Members: 12089**

Becoming a member of RDA is simple and open to both individuals and organizations

[Register now](#)

**RDA Groups** **WG & IGs: 97**

Discover what RDA Working and Interest Groups and all other Groups are up to and find out how to join them. [Explore Groups](#)


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**IG**

## Agricultural Data Interest Group (IGAD)


**Taxonomy:** Agricultural Sciences/Agricultural biotechnology, Agricultural Sciences/Agriculture, forestry, and fisheries, Agricultural Sciences/Animal and dairy science, Agricultural Sciences/Other agricultural sciences, Agricultural Sciences/Veterinary science




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Members

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Group Status:  IG Established

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**Thank you on behalf of IGAD!**

[Imma.Subirats@fao.org](mailto:Imma.Subirats@fao.org)