



RDA Global Adoption week

15 - 19 June 2020





Objective

- Originally planned for Plenary 15, the RDA Adoption week aims to **demonstrate the wide variety of RDA adoptable and adopted solutions to data sharing challenges** that people in the field encounter in their daily jobs.

Purpose of the week:

- Learn about RDA Outputs
- Converse with speakers from all around the world who have created and implemented them
- Determine how best to integrate those data sharing solutions into your own projects



Recommendations and outputs catalogue

- RDA Outputs are classified as **RDA Recommendations** (*official, endorsed results of RDA Groups*), **Supporting Outputs** (*useful solutions from our RDA Working and Interest Groups*) or **other Outputs**
- They can be searched according to their status, **Data Life Cycle topics** or scientific domain



rd-alliance.org/recommendations-and-outputs/catalogue



Friday 19th June
05:00 UTC

Policy, Legal, Compliance & Capacity

Currently, all scientific communities use their own set of policies, if any. A generic set of policies that can be revised and adapted by users to build up their own data collection does not exist.

- **Certification of trustworthiness and robust practices in the archiving and dissemination of data** - Heather Leator (Australian Data Archive)
- **Building the Reputation as a trusted Repository following international Standards** - Mikaela Lawrence (CSIRO)
- **Improving Data Management Procedures based on CoreTrustSeal Certification** - Chenzhou Cui (National Astronomical Observatory of China)

Recommendations & Outputs Catalogue short-link: <https://bit.ly/376Gx8T>



Poll

Join at
slido.com
#W349






Tell your adoption story

- **Are you an adopter?** RDA is actively seeking new adoption stories to inspire the further uptake of RDA outputs.
- **Submit your story here:**
<https://www.rd-alliance.org/tell-your-rda-adoption-story>

RDA ADOPTION STORIES



Adopters of RDA outputs share their experiences and lessons learned to inspire further uptake of RDA outputs

🔗 Read the current adoption stories

📄 Submit your story through the webform

[rd-alliance.org/tell-your-rda-adoption-story](https://www.rd-alliance.org/tell-your-rda-adoption-story)





CODATA CfP Data Science Journal

- **RDA special collection themes:**
 - Results produced by an IG or WG;
 - Description of an Adoption Case outlining how a specific recommendation or output has been implemented;
 - Other types of work related to RDA activities.
- RDA Europe 4.0 still has funds available for the publication of articles in DSJ
- Open to all interested applicants regardless of their geographical provenance.
- **Deadline 17 July**

Submit your article for the
Data Science Journal
Special Collection on RDA

RDA CODATA Data Science Journal special collection solicits high quality papers describing the latest results of RDA WG and IG that have recently published outputs and associated use cases.

Publication fees will be covered by the RDA Europe 4.0 project

Publication fees of the first selected 30 articles will be covered by the RDA Europe 4.0 project thanks to specific funding available until 17 July 2020 on a first com first served basis.

Don't miss out, submit your paper now!
datascience.codata.org/about/submissions

RDA
Research Data Alliance



**WWW.RD-ALLIANCE.ORG/
@RESDATALL**



RDA Global

Email - enquiries@rd-alliance.org

Web - www.rd-alliance.org

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

LinkedIn - www.linkedin.com/in/ResearchDataAlliance

Slideshare - <http://www.slideshare.net/ResearchDataAlliance>

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The Australian Data Archive as a Trusted Repository for Research Data and Data Sharing

Dr. Heather Leasor
Archivist and user services, ADA
Dr Steve McEachern
Director, ADA



RDA Global Adoption Repository Audit and Certification Catalogue RDA Recommendation

- Background of ADA
- Reason to do CTS (DSA/WDS)
- Outcomes
- Next steps



ADA in Brief

- The Social Science Data Archive (now ADA) was set up in 1981, housed in the Research School of Social Sciences, with a mission to collect and preserve Australian social science data on behalf of the social science research community
- The Archive holds over 5000 datasets from around 1500 studies
- Data holdings are sourced from academic, government and private sectors.

ADA data holdings cover a wide variety of subject areas:

- Ageing
- Business and management
- Census data
- Culture
- Demography
- Drugs, alcohol and tobacco
- Economics
- Education, employment and work
- Environment, Conservation, Land use
- Family studies
- Foreign affairs
- Gambling
- Health
- Housing
- Law, Crime, Courts
- Mass media, communication and language
- Migration, immigration and multiculturalism
- Politics and elections
- Public opinion and social attitudes
- Psychology
- Quality of life
- Science, Technology
- Social welfare
- Sociology
- Tourism, recreation and leisure
- Travel and transport



Who uses ADA?



- 2019
 - 25000 data file downloads
 - 2500 new users each year
- User types (2016 figures):
 - Undergraduates: 41% of analysis, 16% of downloads
 - Postgraduates: 33% / 40%
 - Researchers: 11% / 40%
 - Others (media, government, NGO, etc.): 15% / 4%
- Institution types: (approx.)
 - Australian universities: 70%
 - International universities: 15%
 - Government departments and agencies: 10%
 - Other: 5%



CTS (DSA/WDS)



- Undertook a project with Australian National Data Service (ANDS) now Australian Research Data Commons (ARDC)
- ARDC member of RDA
- Used the opportunity to assess the CTS in the Australian Context for the Social Sciences.



- Work with ANDS
- Assessing the criterion
- Assessing what documents existed in and out of public domain
- Assessing what could and should be in public domain
- Assessing agreements with outsource partners and how to demonstrate these
- Completing the CTS application and assessment
- Outlining changes to implement to ensure continued certification and fit with FAIR and 5 SAFES



Challenges in the Process

- Complex interplay between guidelines and relevant documents
- How to provide evidence from documents/items not in the public domain
- What constitutes risk management assessment
- Determining timelines for “in process of implementation”
- 9 of 16 guidelines required edits. In addition most links required website updates due to changes.



Changes Implemented at ADA



- Redevelopment of our database and website infrastructure
 - New website <https://ada.edu.au/>
 - New data catalogue <http://dataverse.ada.edu.au>
- Documentation
- Service Platform for repository



The ADA website:
<https://ada.edu.au>



[Go to: ADA Dataverse Catalogue](#) [Find](#)

[Accessing Data](#) [Depositing Data](#) [Popular Data](#) [News](#) [User Guides](#)



THE AUSTRALIAN DATA ARCHIVE

The Australian Data Archive (ADA) provides a national service for the collection and preservation of digital research data. ADA disseminates this data for secondary analysis by academic researchers and other users.

The archive is based in the ANU Centre for Social Research and Methods (CSRM) at the Australian National University (ANU).

[Learn More](#)

Search our Dataverse catalogue: [Find](#)

Welcome to the new homepage for the Australian Data Archive. Here you can access ADA datasets, and find out more about accessing ADA data, depositing data with the Archive, and research data management.

The Archive is in the process of a major upgrade to its archive and catalogue systems. Part of this upgrade is the move of



Dataset pages



Study information is based on the **DDI-C** (Data Documentation Initiative) standard, and includes:

- Files: data and documentation files
- Metadata: information including the investigators, abstract, sample, data collection methods
- Terms: terms and conditions of use, and access requirements.
- Versions: current and previous versions of the dataset
- Also includes a CITATION and DOI for every dataset

Department of Social Services; Australian Institute of Family Studies, 2019, "Building a New Life in Australia: The Longitudinal Study of Humanitarian Migrants, Release 5 (Waves 1-5)", [doi:10.26193/0AF6TZ](https://doi.org/10.26193/0AF6TZ), ADA Dataverse, V2



ADA Dataverse:

<https://dataverse.ada.edu.au>





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ADA Dataverse

The Australian Data Archive provides a national service for collecting, preserving, publishing and accessing digital research data.

 Metrics

50,614 Downloads





This is the Australian Data Archive Dataverse system.

Notices:

There are no notices at this time.

 Find

[Advanced Search](#)

☒  **Dataverses (137)**

☒  **Datasets (1,514)**

☐  **Files (11,953)**

Dataverse Category

[Research Project \(25\)](#)

[Organization or Institution \(9\)](#)

[Researcher \(4\)](#)

[Research Group \(1\)](#)

Publication Date

[2018 \(917\)](#)

[2019 \(660\)](#)

[2017 \(64\)](#)


[2020 \(10\)](#)

Author Name

[Irving Saulwick and Associates \(164\)](#)

1 to 10 of 1,651 Results

 Sort



Building a New Life in Australia: The Longitudinal Study of Humanitarian Migrants, Release 5 (Waves 1-5)

Apr 16, 2020 - [Building a New Life in Australia Dataverse](#)

Department of Social Services; Australian Institute of Family Studies, 2019, "Building a New Life in Australia: The Longitudinal Study of Humanitarian Migrants, Release 5 (Waves 1-5)", doi:10.26193/0AF6TZ, ADA Dataverse, V2

Building a New Life in Australia: The Longitudinal Study of Humanitarian Migrants (BNLA) aims to identify factors which help or hinder positive settlement outcomes. BNLA follows 1,509 humanitarian migrating units who arrived in Australia or had their permanent visas granted in th...



Building a New Life in Australia: The Longitudinal Study of Humanitarian Migrants, Release 4 (Waves 1-4)

Apr 16, 2020 - [Building a New Life in Australia Dataverse](#)

Department of Social Services; Australian Institute of Family Studies, 2018, "Building a New Life in Australia: The Longitudinal Study of Humanitarian Migrants, Release 4 (Waves 1-4)", doi:10.26193/ZQHBPW, ADA Dataverse, V5

Building a New Life in Australia: The Longitudinal Study of Humanitarian Migrants (BNLA) aims to identify factors which help or hinder positive settlement outcomes. BNLA follows 1,509 humanitarian migrating units who arrived in Australia or had their permanent visas granted in th...



Footprints in Time: The Longitudinal Study of Indigenous Children, Release 10 (Waves 1-10)



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Dataset Version: 3.1

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9 Files Download Request Access

<input type="checkbox"/>	1. Acknowledgements 160.pdf Adobe PDF - 76.5 KB - 10/10/2017 - 5 Downloads MD5: 1e2259496efc51169ca25051dff199b4 HILDA acknowledgements Documentation Pre-release HILDA	Download
<input type="checkbox"/>	1. HILDA User Manual Release 16.0.pdf Adobe PDF - 136.0 KB - 10/10/2017 - 10 Downloads MD5: d0104e3a4be7d970687e894fbbd8a8cd HILDA Release 16.0 User Manual - PLACEHOLDER Documentation Pre-release HILDA	Download
<input type="checkbox"/>	1. Readme 160.pdf Adobe PDF - 453.2 KB - 10/10/2017 - 2 Downloads MD5: 52c04819183dfb34e5666051589445a Readme file for HILDA Release 16.0 Documentation Pre-release HILDA	Download
<input type="checkbox"/>	2. Documentation 160c.zip ZIP Archive - 164 bytes - 10/10/2017 - 0 Downloads MD5: c3c2c6e99e39a0221ebcf12b5dcb3cc HILDA Release 16.0 General Release Version Documentation Documentation Pre-release HILDA	Download
<input type="checkbox"/>	2. R 160c.zip ZIP Archive - 590 bytes - 25/10/2017 - 2 Downloads MD5: fdbe1e1e0f0206c1c1401af80d3130c0 HILDA Release 16.0 General Release R data files R Pre-release HILDA Data	Request Access
<input type="checkbox"/>	2. SAS 160c.zip ZIP Archive - 162 bytes - 10/10/2017 - 3 Downloads MD5: b9d8bd624c86c7ba3efc77aa57f5a12b HILDA Release 16.0 General Release STATA Data Files Pre-release HILDA Data SAS	Request Access
<input type="checkbox"/>	2. SPSS 160c.zip ZIP Archive - 410 bytes - 10/10/2017 - 1 Download MD5: 0317c74fcff006ec812a745e107c5e97 HILDA Release 16.0 General Release SPSS Data Files Pre-release HILDA Data SPSS	Request Access
<input type="checkbox"/>	2. Stata 160c.zip ZIP Archive - 162 bytes - 10/10/2017 - 3 Downloads MD5: 2e5ebe48901aacfe8464756090e47daab HILDA Release 16.0 General Release STATA Data Files Pre-release HILDA Data Stata	Request Access
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Developed at the [Institute for Quantitative Social Science](#) | Dataverse Project on [Twitter](#) | Code available at [GitHub](#)

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Powered by **The Dataverse Project** v. 4.6.1

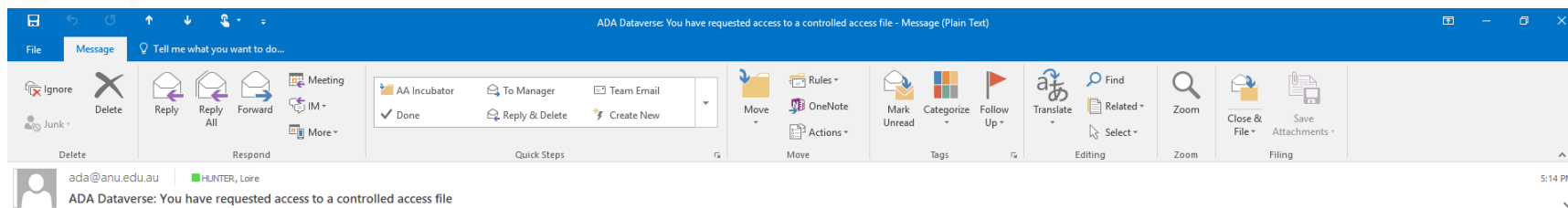
Select one or more

Open access

Controlled access



Email notification: confirmation of access request

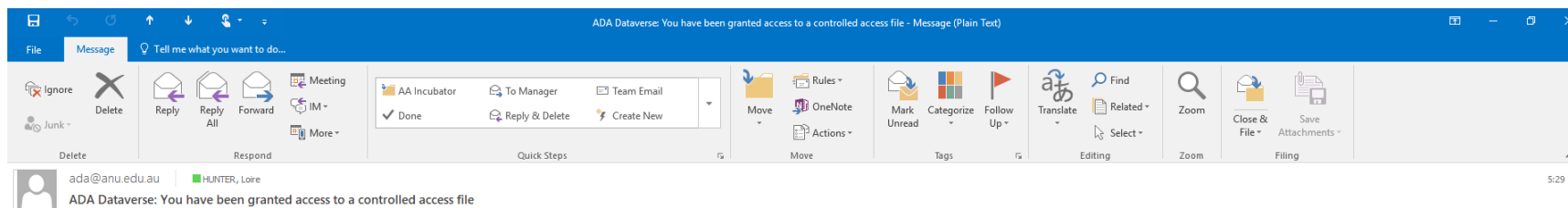


Hello,

Thank you for your recent application for access to controlled access files from the dataset The Household, Income and Labour Dynamics in Australia (HILDA) Survey, General Release, 2017 Pre-release DEVELOPMENT VERSION . Your application is currently being reviewed. (view at <https://dataverse-dev.ada.edu.au/dataset.xhtml?persistentId=doi:10.5072/82/B93ZD5>).

ADA or the Data Owner may need to follow up further with you to clarify details of your request. Should this be required, we will contact you within three (3) business days.

Thank you,
The Australian Data Archive
on behalf of the data owner.



Hello,

You recently applied for access to controlled access files in dataset: The Household, Income and Labour Dynamics in Australia (HILDA) Survey, General Release, 2017 Pre-release DEVELOPMENT VERSION. We are pleased to advise that your application for access has been approved.

Your obligations as an Authorised Data User are contained in the Terms and Conditions of Use.

You can now view and download files from the dataset at this link: <https://dataverse-dev.ada.edu.au/dataset.xhtml?persistentId=doi:10.5072/82/B93ZD5>

If you have any queries in relation to the data please refer to the The Household, Income and Labour Dynamics in Australia (HILDA) Survey, General Release, 2017 Pre-release DEVELOPMENT VERSION supporting documentation or click on the email icon from anywhere in Dataverse to submit a query.

Thank you,
The Australian Data Archive
on behalf of the data owner.



Benefit

- Refinement of process, policy and procedure
- New perspective
- Trust from users and contributors
- Ease of access to information for contributors for ethics, grants/funding and participant information
- Integration of data deposit and reuse into the data lifecycle and data management plans

Next Steps

New functionality:

- Self-deposit of data and ensuring FAIR and TRUST
- Collaborations
- Open data access
- API access (both for deposit and access, e.g. through R)
- Shibboleth authentication
- ORCID integration



Further Refinement for Reusability

- Business rules
 - ADA continuing to refine Business rules
 - ADA continue to refine our outsource partner agreements and arrangements
 - Approvals are managed in Dataverse
 - Communications between users, ADA and owners regarding requests is managed via email, and logged in the ADA ticketing system
- Finding ways to Link into FAIR principles and 5 Safes Models for streamlined access
- Updating and keeping compliant on Licensing and Terms of use (Terms tab)
- Provenance provided (Metadata tab standards and controlled vocabularies)
- Common standards
- Recertification





Thank you! Questions?

Please feel free to contact the ADA

ada@anu.edu.au

<http://ada.edu.au>



Core Trust Seal Outcomes

- Identified 4 guidelines set at level 3
 - 7 Data integrity and authenticity
 - 10 Preservation plan
 - 15 Technical infrastructure
 - 16 Security
- Identified 12 guidelines set at level 4
 - Assessor indicated potential to move Guideline 9 Documented storage procedures to a 3

Building the Reputation as a trusted Repository following international Standards

Commonwealth Scientific and Industrial Research
Organisation (CSIRO) Data Access Portal (DAP) adopts
Repository Audit and Certification Catalogue RDA
recommendation



CSIRO Data Access Portal

Trusted Data Repository Project

Mikaela Lawrence

INFORMATION MANAGEMENT AND TECHNOLOGY
www.csiro.au



RDA Global Adoption Week - 19 June 2020

CSIRO is a trusted organisation that undertakes research of fundamental importance to Australia. This research produces data that CSIRO manages over the long-term, enabling reuse as inputs to new research.





Certification Project

- Certification of CSIRO's institutional repository, Data Access Portal (DAP) <https://data.csiro.au/>, as a trustworthy data repository
- DAP infrastructure and software is developed and maintained internally, it has been available since 2012
- Support for the project from Australian National Data Service (ANDS), now the Australian Research Data Commons (ARDC), who are an organisational member of Research Data Alliance





Investigating potential

- To provide trustworthy access to significant data assets
- Host third party data for those organisations with whom we collaborate where appropriate.



RDA output adopted

Repository Audit and Certification Catalogue
recommendation,
an outcome of the RDA/WDS Certification
Repositories Interest Group.





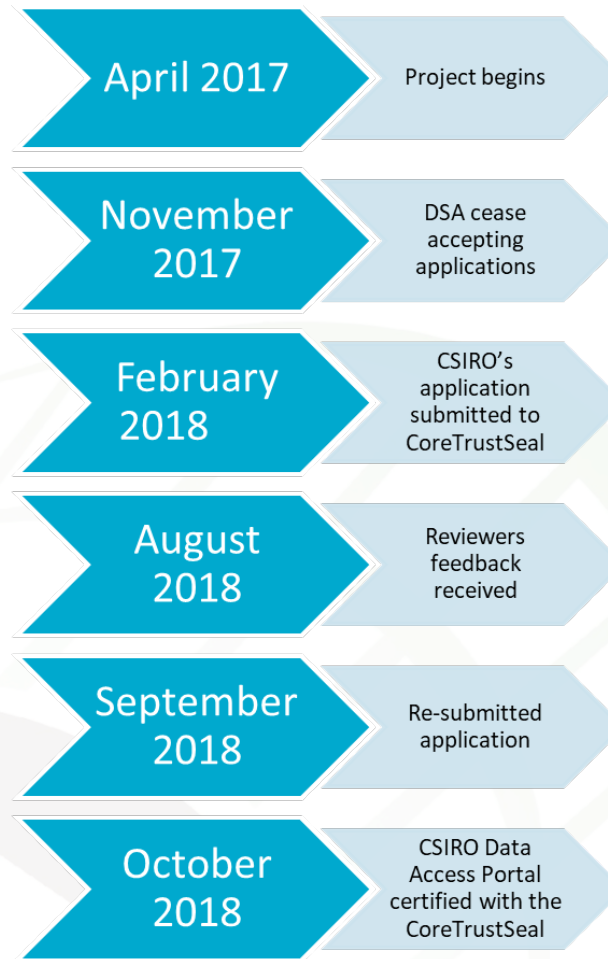
Adoption to certification process

The project had four distinct phases:

- Understanding requirements
- Gathering documentation, evidence and advice
- Developing publicly available documentation
- Completing the application for certification



CSIRO's CoreTrustSeal Application





Adoption logistics

- Staffing: 2 data librarians or 1.0 full-time equivalent for 8 months
- Senior Legal Counsel: developed policies and procedures for data deposit applications by external organisations
- Information technology staff: consulted on requirements relating to software, infrastructure, disaster management
- Researchers (internal and external): testing procedures for hosting externally owned data.
- Fortnightly meetings: project manager, project sponsor, senior data librarian
- Weekly meetings: ANDS who supported the project



Hosting externally owned data

- Why was it part of our strategy
- Investigated policies, procedures and system changes to host externally owned data
- Project impact: Processes for requests to host externally owned data in place
- Developed Collection Development Principles
<https://confluence.csiro.au/display/daphelp/Data+Collection+Development+Principles>
- Developed Data Deposit Conditions and Data Deposit Form
<https://confluence.csiro.au/display/daphelp/External+Data+Applications>



Benefits of adopting the RDA output

- Increased profile of the repository
- Future planning - identified areas of strength and weakness
- Policy and procedures for hosting external data
- Professional development
- Networking - Australian trusted data repository community of practice, CoreTrustSeal reviewer



Lessons learned

- Use available resources to develop understanding of requirements
 - Other applications, webinars on the CoreTrustSeal site, professional networks
- Applying for access to the CoreTrustSeal management tool early
- Drawing on expertise within our organisation – IT, legal, end users
- Understanding of the risk management and legal framework for externally owned data
- Confirmation that policies and processes are aligned with good practice



RDA Adoption next steps

Re-certification with CoreTrustSeal

- Full implementation of the disaster recovery plan for Requirement 15 Technical infrastructure (2021-22)

Data Versioning WG

- Implement versioning recommendation – remove metadata versioning (2021-22)

FAIR Data Maturity Model WG

- Investigating metrics from FAIRsFAIR project (2021-22)

Persistent Identification of Instruments WG

- Investigating using DAP as an instrument register (2021-22)



This project was supported by the Australian National Data Service (ANDS), now the Australian Research Data Commons (ARDC).



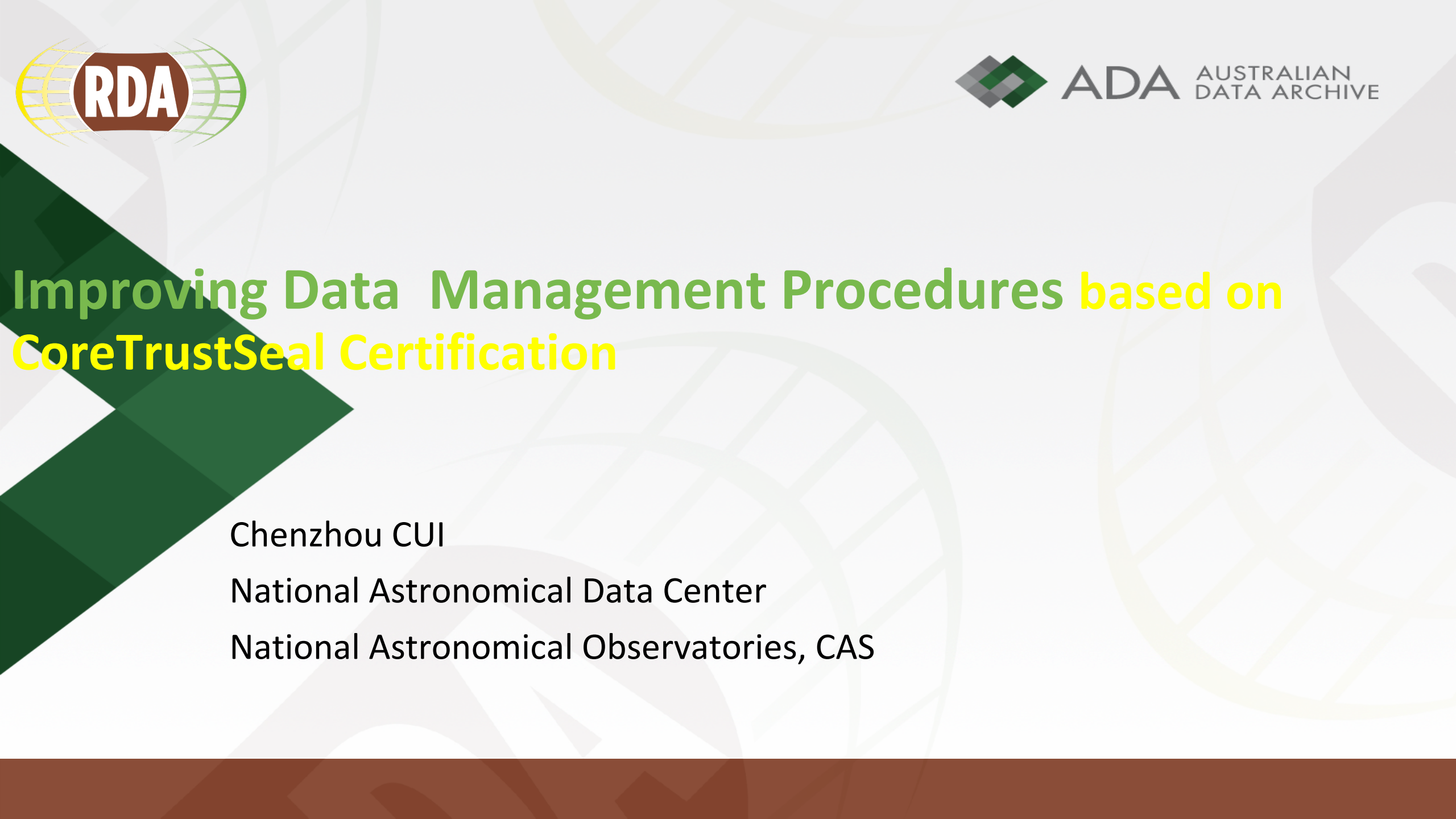
ANDS is supported by the Australian Government through the National Collaborative Research Infrastructure Strategy Program

NCRIS
National Research
Infrastructure for Australia
An Australian Government Initiative

Thankyou

Mikaela Lawrence
Data Librarian
mikaela.lawrence@csiro.au

Acknowledgements:
Janet Applegate
Sue Cook
Kathryn Unsworth
Cynthia Love
Susan McMaster
David Lemon



Improving Data Management Procedures **based on** **CoreTrustSeal Certification**

Chenzhou CUI

National Astronomical Data Center

National Astronomical Observatories, CAS



Basic Information about CTS



- The CoreTrustSeal, launched in 2017, defines requirements and offers core level certification for Trustworthy Data Repositories holding data for long-term preservation. It is a cooperative effort between the Data Seal of Approval (DSA) and the [World Data System](#) of the International Science Council (WDS), under the umbrella of the [Research Data Alliance](#) (RDA).
- **16 Requirements, 150+ Certified Repositories**

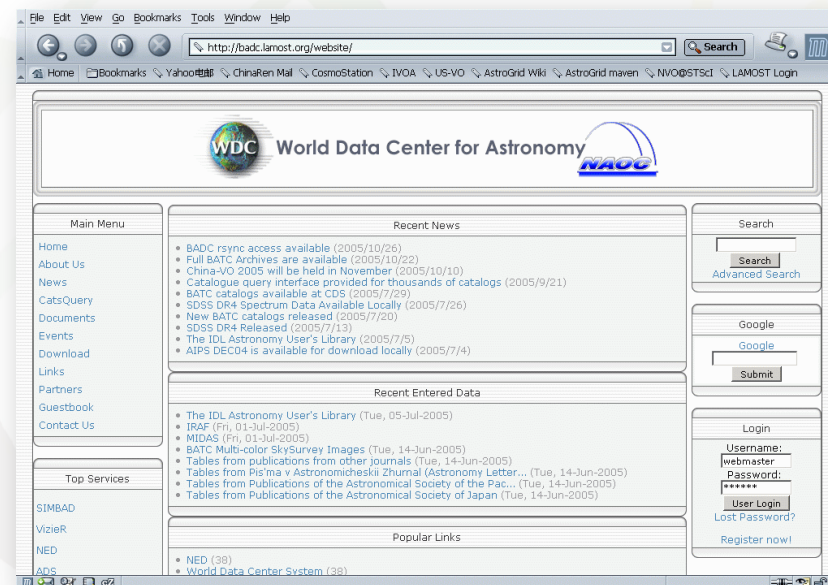
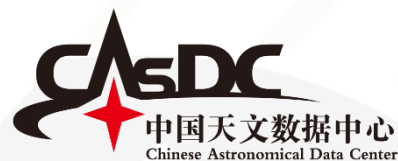
- **Background Information (R0)**
 - Context
- **Organizational Infrastructure (R1-R6)**
 - I. Mission/Scope
 - II. Licenses
 - III. Continuity of access
 - IV. Confidentiality/Ethics
 - V. Organizational infrastructure
 - VI. Expert guidance

- **Digital Object Management (R7-14)**
 - VII. Data integrity and authenticity
 - VIII. Appraisal
 - IX. Documented storage procedures
 - X. Preservation plan
 - XI. Data quality
 - XII. Workflows
 - XIII. Data discovery and identification
 - XIV. Data reuse
- **Technology (R15-R16)**
 - XV. Technical infrastructure
 - XVI. Security



History of CAsDC

- The Chinese Astronomical Data Center (CAsDC) is based on World Data Center (WDC) for Astronomy, which is hosted at NAOC and has been providing data services to users since its initiation in 1989.
- In 2012, the CAsDC became a regular member of the new created [Word Data System](#).
- In October 2018, CAsDC passed the CTS certification
 - The ~33rd CST certified Repository
 - The 1st CST certified Repository in Asia





CAsDC Status



- Roles:**
- Repository (Data Center)
 - Science Platform
- Virtual Observatory



Chinese Astronomical Data Center

input coordinate or target name 30 arcSEC

Sample: 15.51967109 -0.28502335_m31



Domestic Dataset

AST3 Image	①	Q	AST3 Light Curve	①	Q	AST3 Survey	①	Q
BASS DR1 gradd	①	Q	BASS DR1 Images	①	Q	BASS DR2 gradd	①	Q
BASS DR2 Images	①	Q	BASS DR2 Stack	①	Q	BASS EDR	①	Q
CSTAR	①	Q	GMG2 4m	①	Q	LAMOST Quasar Catalog	①	Q
SCUSS Catalog	①	Q	SCUSS Image	①	Q	SCUSS Proper Motion	①	Q

Solar Dataset

Hualou SOS	①	Q	NVST	①	Q	SBRS	①	Q
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Other

TwoMass	①	Q	UCAC	①	Q	WISE	①	Q
Dragon on Silkroad	①	Q	GAIA DR1	①	Q	GAIA DR2	①	Q
CasJobs	①	Q	SDSS DR12	①	Q	Vizier	①	Q
Historical Plates	①	Q						

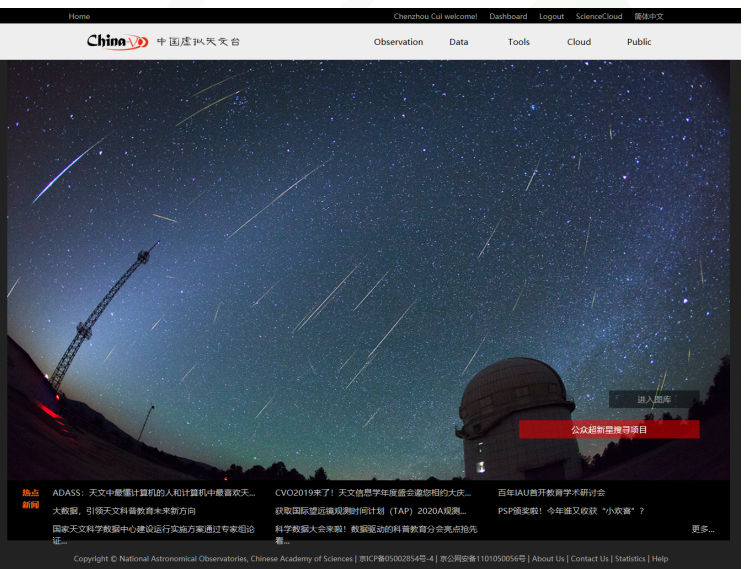
Links

[I/VOA](#) [China-VO](#) [NAOC](#) [CDS](#) [NASA/IPAC NED](#) [NASA/IPAC IRSA](#) [MAST Portal](#) [NASA/ADS](#) [arXiv.org \(Astrophysics\)](#)

Certified



Member of



RDA Global Adoption Week - 15 to 19 June 2020

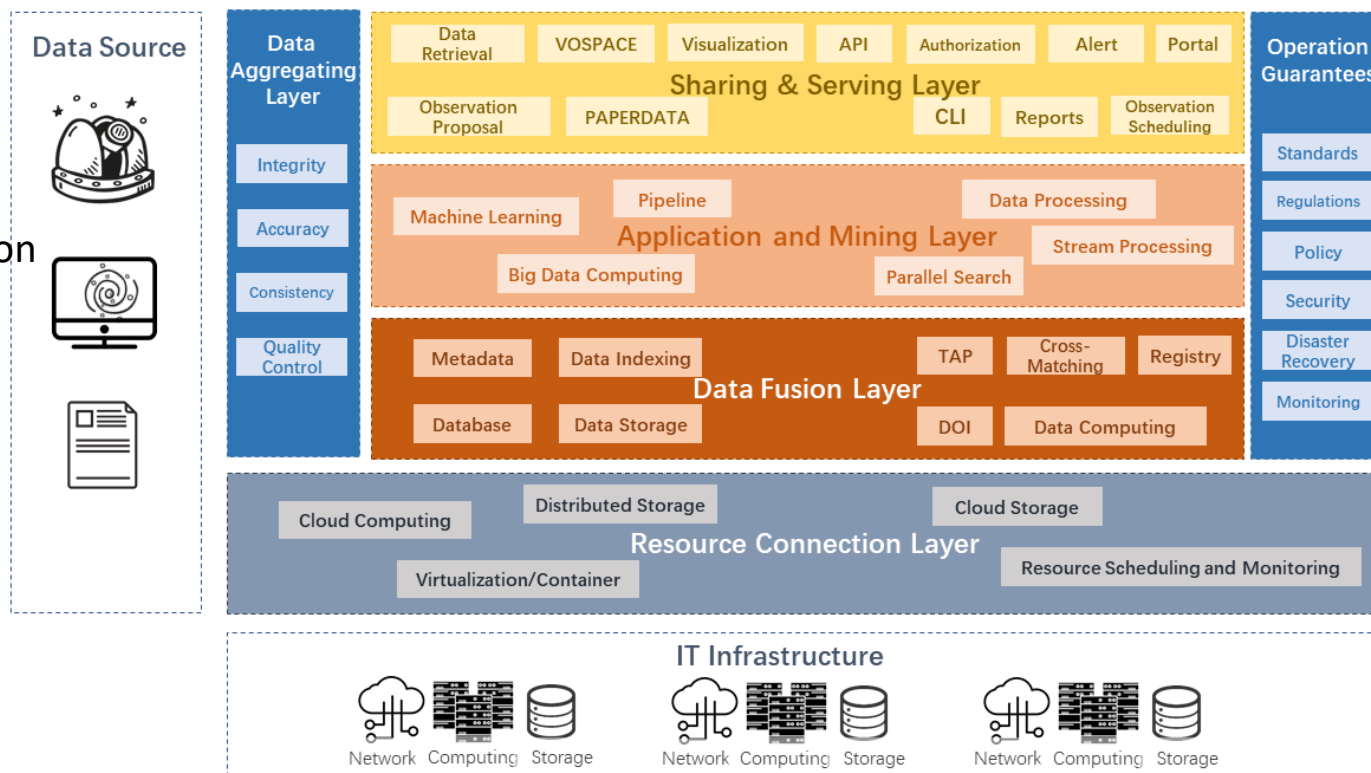


National Astronomical Data Center

- In 2019, the CAsDC was endorsed by Chinese government as one of the first 20 national scientific data centers, i.e. **National Astronomical Data Center (NADC)**.

- Required responsibilities

- Data collection
- Long-term curation and preservation
- Data application and utilization
- Data sharing and open access
- International collaboration





Potential Benefits in the National System

- **National Scientific Data Center** community
- Long-term operation/funding support
 - ~2025
- Interdisciplinary experience sharing

Agriculture, Earth System Science, Space Science, Genomics, Polar Science, High-energy Physics, Biology, Meteorology, Ocean Science, Seismology





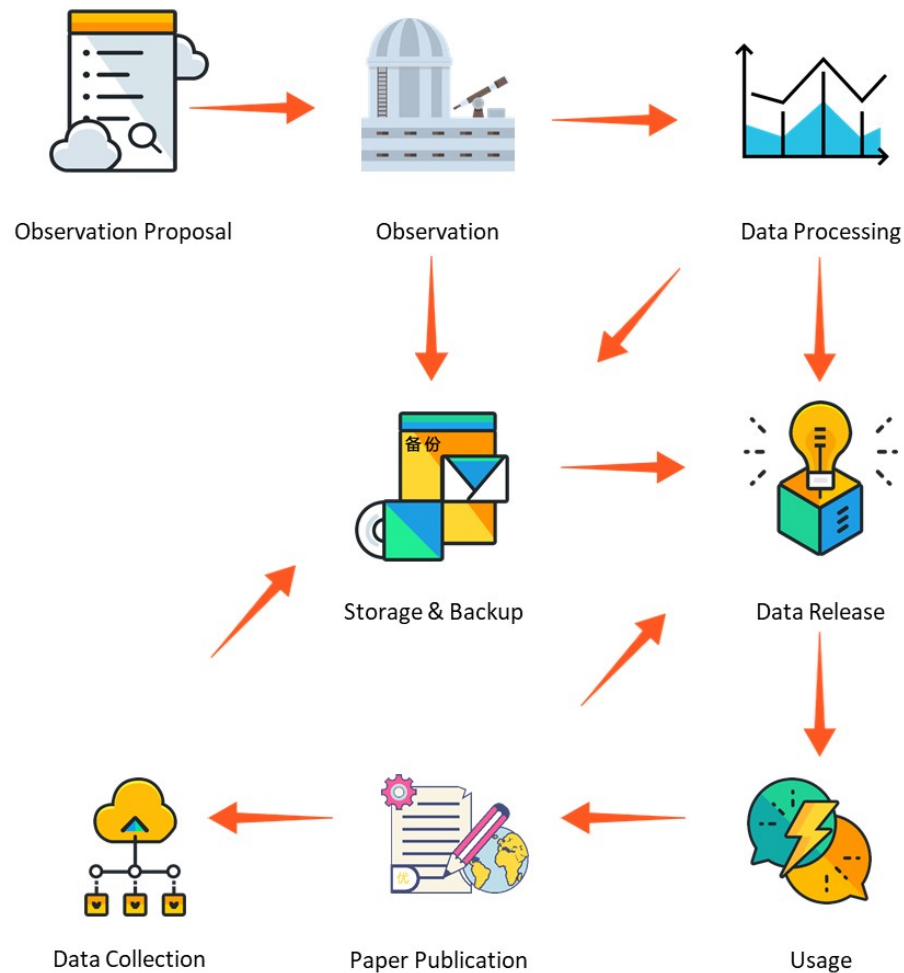
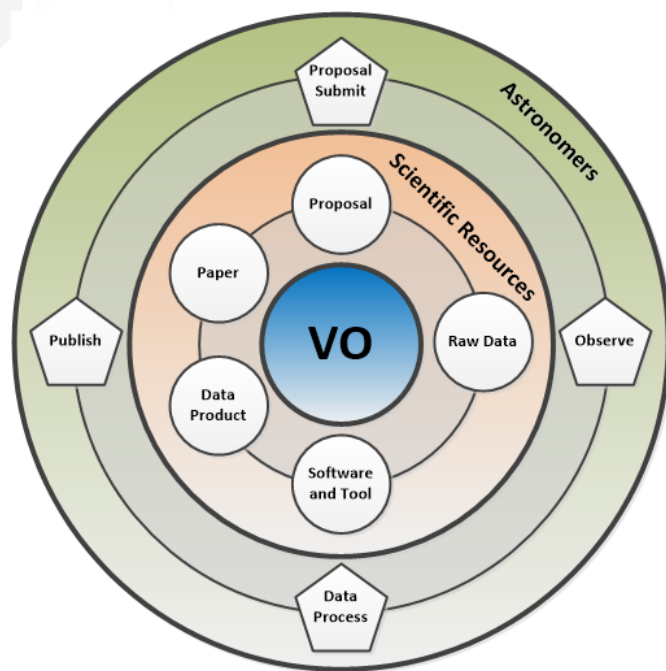
NADC Unique Characters

- **National- and Institute- level data policies as umbrellas**
 - Data archiving requirements for research projects
 - Archiving requirements for academic paper updated data
 - Long-term reservation and open access requirements
- **Whole life-cycle management platform**
 - One stop (All in one)
 - Serving different types of users
 - Telescope team, observers, sky survey team, scientific users, EPO users, managers, etc.
- **Application driven but not tech-architecture driven**
 - LAMOST, FAST, time-domain astronomy, ...

[illegible]

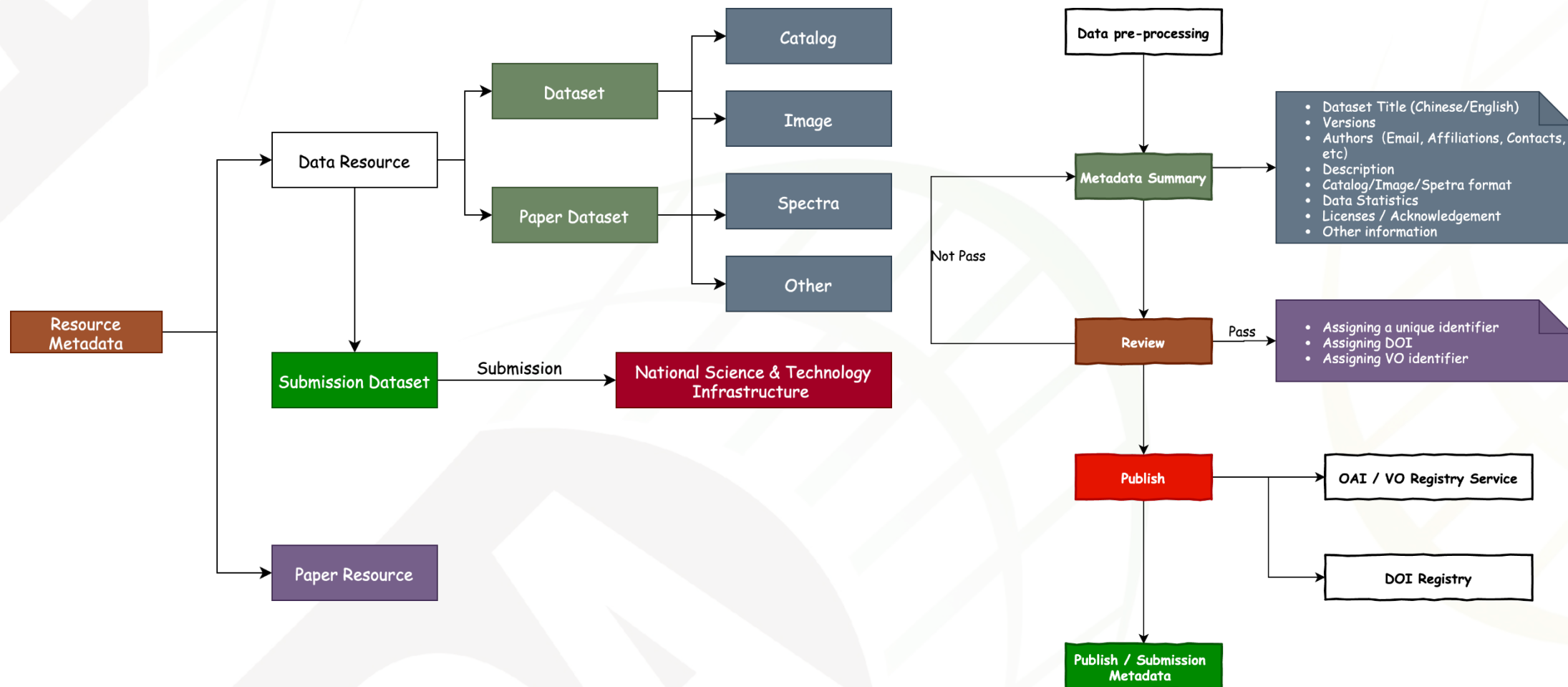


CTS-driven Whole life-cycle management





Metadata Management





China-VO PaperData repository

PaperData Repository

Powered by China-VO

China-VO Paper Data Repository provides long-term storage and open access service for your paper data, which includes but not limited tables, figures, pictures, movies, source codes, models, software packages mentioned in your scientific papers. A permanent but user specified URL will be provided for each item. Furthermore, copyrights of these properties are still owned by yourself.

Recommended by AAS Journals (AJ/ApJ/ApJL/ApJS/RNAAS) and Research in Astronomy and Astrophysics (RAA).

Getting started with China-VO Paper Data, please [click here](#).



Support DOI Apply

China-VO PaperData allow user to apply DOI for their data used in the paper through the platform.

A China-VO PaperData DOI (<https://doi.org/10.12149/1000000>) will be issued within 2 working days after we get the notification that the paper is accepted by the journal.



AAS Official Recommendation

AAS has officially recommended China-VO PaperData in their tutorials. For your convenience, please include the fact that a PaperData DOI will be issued for these results in your submission notes to AAS journal.



Help Document

How to start?
How to get a DOI for your data?
Check the document before you start.

Filter by MyDOI Domain Setting Upload File Parent Folder New Folder

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	wwt	4KB	2019-05-06	
	Administrative_Guide.pdf	1MB	2015-04-22	



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Constraining the Milky Way Mass Profile with Phase-Space Distribution of Satellite Galaxies

Zhao-Zhou Li / Yong-Zhong Qian / Jiaxin Han / Ting S. Li / Wenting Wang / Yi-Peng Jing

Supplementary data tables for the paper:

Constraining the Milky Way Mass Profile with Phase-Space Distribution of Satellite Galaxies

Zhao-Zhou Li (lizzastro@gmail.com), Yong-Zhong Qian, Jiaxin Han, Ting S. Li, Wenting Wang, Y. P. Jing

arxiv:1912.02086

<https://ui.adsabs.harvard.edu/abs/2019arXiv191202086L>

This repository includes four table files:

- mw_profile.txt

Identifier

Publication date: 2020-03-30 15:27:00
Update date: 2020-03-30 15:27:00
DOI: 10.12149/101018
VO Identifier: ivo://China-VO/paperdata/101018

Versions

version 1.0

10.12149/101019 2020-03-30 15:27:00



International Virtual Observatory Alliance

The vision of Virtual Observatory is made possible by standardization of data and metadata, by standardization of data exchange methods, and by the use of a registry, which lists available services and what can be done with them. IVOA is an organisation that debates and agrees the technical standards that are needed to make the VO possible.

- Created in 2002, 21 member VO projects
- 6 Working Groups, 8 Interest Groups

IVOA has been informed about the RDA activities since the beginning of the RDA. In particular through IVOA Data Curation and Preservation Interest Group, the CTS certification topic has been discussed in the IVOA .

At IVOA May 2020 Interop VM, the Recommendation of the RDA Data Maturity Model WG and its consequences for astronomy were discussed.



InterOpMay2020DCP - IVOA

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Main

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Working Groups

Data Access

Data Model

GWS

Query Language

Registry

Stds&Procs

Semantics

VOTable

Applications

Interest Groups

Data Curation

Discussion

Twiki > IVOA Web > IvoaInteropPOC > InterOpMay2020 > InterOpMay2020DCP (2020-05-04, AndreSchaff)

DCP IG Session, Virtual IVOA Interoperability meeting, Everywhere

"Share best practices and engage IVOA member projects in the long-term curation and preservation of astronomical data"

During the last DCP Session in Groningen we ended the session with a short discussion, linked to FAIRness and about Machine-readable licence attached to data. As a reminder the presentation: [Machine-readable licence attached to data \(proposed by Françoise Genova\)](#). We decided then to have a discussion later around this topic.

Abstract : Since Groningen, the **RDA FAIR Data Maturity Model WG** has produced a version of its **Recommendations** which is open for comments until May 15th following **RDA Request for Comments** rules. The test of a preliminary version of the criteria performed in the framework of the **ESCAPE** project has shown that the **FAIR** practices in astronomy, which build on shared data formats and the **IVOA** standards, can be different from the ones recommended by the **FAIR** principles, and are sometimes not compliant with the criteria developed by the **RDA WG**. One of the issues is with licences. In most cases, we rely on community ethics (cite the origin of what you reuse) rather than on explicit licences, which is also expected to be machine readable. The **IVOA** appears to be a good venue to discuss licences in astronomy, in the framework of the **Data Curation & Preservation IG**.

RDA material:

- [RDA Request for Comments](#)
- [Direct link to the document submitted for comments](#)

Tuesday May 5 -Where you are - 4:30 UTC

Speaker	Title	Time Materials
Françoise Genova	FAIR Data Maturity Model (RD WG)	15 pdf
All	Discussion	45 See Session Minutes

Session secretariat



Thank You

