



CoreTrustSeal - Earth, Space, and Environmental Science Repository Community Cohort

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RDA Plenary 16 - RDA/WDS Certification of Digital Repositories:
Towards Building a Trustworthy Repository Ecosystem

10 November 2020





CoreTrustSeal Earth, Space, and Environmental Science (ESES) Repository Cohort

As part of the [American Geophysical Union Enabling FAIR Data Project](#), a cohort of data repositories was assembled to apply for CoreTrustSeal certification. [CoreTrustSeal certification](#) demonstrates to a repository's users and funders that they have been evaluated by an independent authority and endorsed for their trustworthiness.





CoreTrustSeal ESES Cohort

Purpose

- Establish a group of interested Earth, space, and environmental science repositories to systematically work together through the tenets of the CoreTrustSeal (CTS) requirements with the goal of each submitting a certification package with their individual responses to each criteria.

Expected Outcome

- Participating cohort repositories are expected to complete and submit their CTS certification applications within 3 years (February 2022) from the start date of the cohort in order to benefit from the reduced rate for certification.





CoreTrustSeal ESES Cohort (cont.)

Venues

Webinars:

- 30 October 2018 <https://youtu.be/gsgHTzxbx0s>
- 26 November 2018 https://youtu.be/vV_3ZcDsagA
- 12 June 2020 https://youtu.be/Y8t8fJo_piw
- 10 July 2020 – Panel discussion at EarthCube Council of Data Facilities Summer meeting https://youtu.be/-qGr_ljKAhg

Meetings

- American Geophysical Union (AGU)
- European Geophysical Union (EGU)
- Earth Science Information Partners (ESIP)
- RDA





Successes

- 🌐 Lots of interest in joining the cohort (25 repositories – global)
- 🌐 Good attendance at webinars
- 🌐 Support for waiver of application fee
- 🌐 Submissions
 - Research Data Archive: certified
 - Arctic Data Center: certified
 - Biological and Chemical Oceanography Data Management Office (BCO-DMO): certified
 - Incorporated Research Institutions for Seismology Data Management Center (IRIS DMC): submitted





Challenges

- Need for ongoing communication to cohort to keep interest
- Resources at repositories to complete certification application
 - Needed for funder's renewal
 - Ability to fund a contractor to support the application process
- Need to find a way to pair repositories starting process with those who have completed the process





For More Information

- 🌐 More spaces available in the ESES/AGU Cohort!
- 🌐 Cohort email list: coretrustseal-cohort@icsu-wds.org
- 🌐 For questions or to join the cohort, send email to rkoskela@unm.edu

