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.
Venues

- **Webinars:**
  - 30 October 2018  [https://youtu.be/gs9HTzxbx0s](https://youtu.be/gs9HTzxbx0s)
  - 26 November 2018 [https://youtu.be/vV_3ZcDsagA](https://youtu.be/vV_3ZcDsagA)
  - 12 June 2020  [https://youtu.be/Y8t8fJo_piw](https://youtu.be/Y8t8fJo_piw)
  - 10 July 2020 – Panel discussion at EarthCube Council of Data Facilities Summer meeting [https://youtu.be/-qGr_ljkAhg](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
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