

Citizen Science to promote creativity, scientific literacy, and innovation throughout Europe (CA 15212)

WG5: Improve data standardization and interoperability

Chair: Luigi Ceccaroni | Earthwatch

COST Action's MC meeting, Cesis, June 4, 2019

Objectives

The objective of WG5 is to develop a metadata-concepts vocabulary and an ontology to support data sharing among CS projects.

Tasks

- **Task 1: Development of a metadata ontology for citizen science (complete)**
- **Task 2: Coordination of efforts with existing networks and groups working on standardization in citizen science (ongoing)**

Deliverables

- **Deliverable 1: Downloadable version of the ontology code via Action website (Task 1) (delivered)**
- **Deliverable 2: Standardization of the ontology as sensor web enablement profile for CS by OGC (Task 2)**

WG5's progress report

Progress in June 2018 – June 2019:

- Refinement of the identification of core ontology classes and associated relations by drawing on previous research, existing vocabularies and instantiations
- Publication of a metadata ontology for citizen science
- Coordination of implementation efforts with ECSA, CSA and ACSA

WG5's progress report

Plan for June 2019 – March 2020:

- Ensure that COST Action's efforts are part of the related international ones.
- Define a plan on how to implement the ontology.
- Define a plan on how to disseminate/standardize results, beyond papers.
- Mapping and documentation of meetings/workshops/conferences on standardization and interoperability in citizen science.

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