
Plan Overview

A Data Management Plan created using DMPTool

Title: Open Science Action Network

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Open Science Action Network

Types of data produced

The types of data, samples, physical collections, software, curriculum materials, and other materials to be produced in the course of the project.

Miscellaneous research products include stakeholder feedback, project communications, and adoption tools and guidance. These products will be made available during the project via peer-reviewed articles, content on the project website and blog, presentations to conferences and webinars, and data repositories. The dissemination of the resulting products will be coordinated by the project lead.

Data and metadata standards

The standards to be used for data and metadata format and content (where existing standards are absent or deemed inadequate, this should be documented along with any proposed solutions or remedies).

Whenever possible, open data formats or formats that do not use closed proprietary specifications will be adopted as asset accessibility and archiving standards for the project.

Policies for access and sharing

Policies for access and sharing including provisions for appropriate protection of privacy, confidentiality, security, intellectual property, or other rights or requirements.

All data and products developed for the project will be made available for review and reuse during the course of the project and following its completion. All data produced by consuming partners during this research will be freely available to the public; we anticipate no sensitive or confidential data. Communications about products will take place on multiple channels (e.g., listservs, newsletters, social media) to reach multiple audiences. The dissemination of the resulting products will be coordinated by the project lead.

Policies for re-use, re-distribution, derivatives

Policies and provisions for re-use, re-distribution, and the production of derivatives.

All products resulting from this project will be openly available and reusable and will utilize the Create Commons Attribution license. Product outputs will be distributable during and after their completion.

Plans for archiving and preservation

Plans for archiving data, samples, and other research products, and for preservation of access to them.

All project reports and lesson plans will be available via the Zenodo repository. Zenodo data files are stored in CERN Data Centres, primarily Geneva, with replicas in Budapest. Data files are kept in multiple replicas in a distributed file system, which is backed up to tape on a nightly basis. Items will be retained for the lifetime of the repository. This is currently the lifetime of the host laboratory CERN, which presently has an experimental program defined for the next 20 years at least.

Planned Research Outputs

Event - "Workshops"

OSAN will host several workshops targeted at researchers, infrastructure providers, university administration, and other stakeholders. All materials produced from the workshops will be made publicly available and designed to be reproducible for further events.

Open Educational Resources - "Lessons"

OSAN will produce new lessons and modify existing lessons from The Carpentries. Topics include FAIR and OS practices, the implementation of the CARE principles & the role of unique identifiers in supporting Open Science.

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Workshops	Event	2025-09-01	Open	Zenodo		Creative Commons Attribution 4.0 International	None specified	No	No
Lessons	Open Educational Resources	2025-09-01	Open	Zenodo		Creative Commons Attribution 4.0 International	None specified	No	No