Guidelines for

Literature Repositories, Data Archives & CRIS

What is OpenAIRE?
- A Participatory European Open Access infrastructure to manage scientific publications and associated scientific material via repository networks.
- Supports discovery, sharing and re-use of Open Access publications and EC funded research results.
- Enhances publications by interconnecting them with data sets, funding information, related publications, institutional affiliation, metrics.
- OpenAIRE/OpenAIREplus are FP7 funded projects started in 2009, with 41 partners involved: Univ. of Athens, Goettingen State Library, CNR-ISTI, Univ. of Warsaw, Bielefeld Univ. Library, CERN, Geni Library, eEL, DTS, Univ. of Minho, SURF, a 52 national Open Access desks reaching out to all EU member states (and beyond). 3 scientific communities involved in linking publication to research data: EBI, DANS, BADC. Collaboration with EuroCRIS (SET), EUDAT, DataCite, ORCID, COAR, LIBER, SPARC Europe.

What are the OpenAIRE Guidelines?
- OpenAIRE has collaborated with key stakeholders and has produced three sets of guidelines for its data providers, all based on existing well-established standards.
  1. Guidelines for Literature Repositories: based on Dublin Core (DRIVER)
  2. Guidelines for Data Repositories: based on Dataverse
  3. Guidelines for CRIS Managers: based on CERIF-XML
- Provide additional support for OAI Aggregators and Open Access Journals to maintain provenance on the record or at journal level.
- Best practices for the use of transfer protocol (OAI-PMH), metadata formats, controlled vocabularies.
- Guidelines make it easy to participate in the OpenAIRE network providing data source managers the tools to support researchers in the EC’s Open Access policy compliance.

How do they work?
- Assist heterogeneous e-infrastructures like repositories, data archives and CRIS to interoperate in one common information space.
- Metadata is aggregated through OAI-sets: ‘openaire’ for thematic & institutional repositories, ‘openaire_data’ for data repositories, ‘openaire_cris’ for CRIS.
- Identification of Open Access and funded research results by OAI-Sets and controlled vocabulary terms in the metadata.
- Regular harvesting from the data sources.
- Latest schema guarantees backwards-compatibility with previous versions.
- For harvesting the records relevant to OpenAIRE, the use of specific OAI-PMH sets at the local CRIS system is mandatory.

How to get involved?
- Find and discuss the guidelines at: guidelines.openaire.eu
- Test your repository for ‘compliance’ and register the OpenAIRE validator at: validator.openaire.eu
- Find help & support and more information: www.openaire.eu