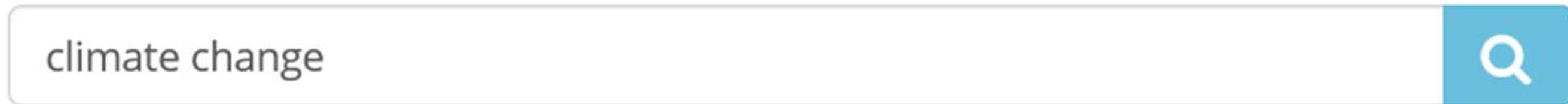




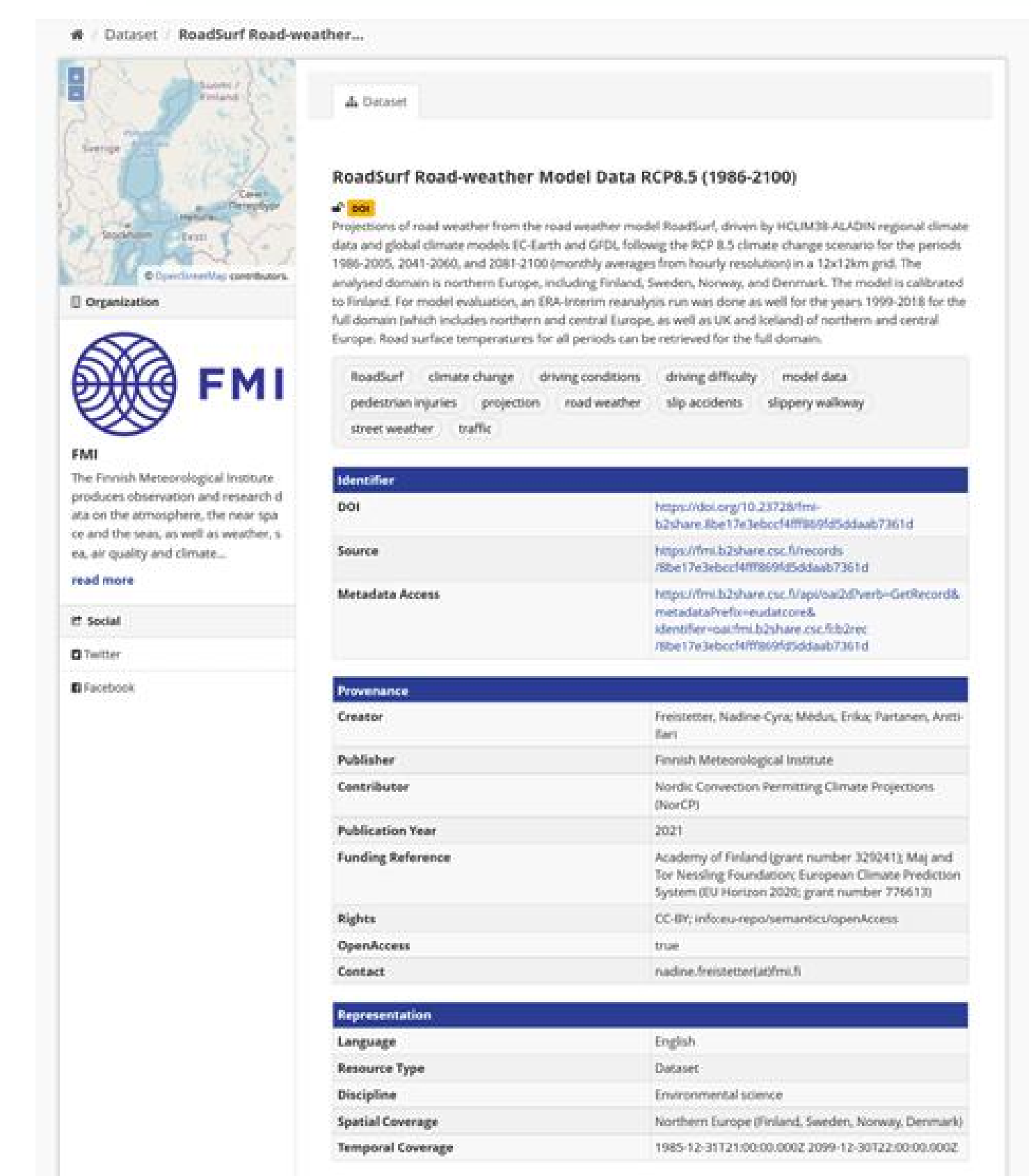
B2FIND

Data Discovery across Disciplines

Search data



Single record page



Scientific communities are using different metadata schemas in order to display, compute and exchange their research data. B2FIND already supports several metadata standards, new ones can be added if necessary.

B2FIND is a powerful and user friendly discovery portal that enables scientists from all over the world to find and access data collections from heterogeneous sources via a web interface. It offers metadata as research data that are stored in EUDAT data centres as well as metadata that are steadily harvested from community specific repositories.

B2FIND covers a wide range of research areas: Climate Research to Social Sciences, Biodiversity to Linguistics or Archaeology to Seismology. Searching through cross-domain sources and finding dispersed data improves interoperability and reusability of research data and hence fosters open science based on FAIR principles.

B2FIND provides an interdisciplinary and cross-community **search portal** with geospatial and temporal search functionalities. Results from a free text search may be filtered and narrowed down by using the facets.

Harvested and mapped metadata records of research datasets are uploaded to B2FIND's CKAN database and can be searched via Solr search engine. This way, metadata are made publicly available and openly accessible, even though access to the datasets themselves may be restricted in some cases.

Harvesting is the process of automatically fetching remote metadata. B2FIND preferably uses OAI-PMH as the simplicity of the protocol allows a controlled and easy to manage transfer of metadata, but other APIs (e.g. JSON-API, CSW) are supported as well. B2FIND exposes its metadata to OpenAIRE to maximise findability for the integrated communities. Metadata in B2FIND can also be accessed via the EOSC Portal and Marketplace.

EUDATCore Metadata Elements

general	
Title	Description
Keywords	
provenance	
Creator	Publisher
Publication Year	Contributor
Instrument	Funding Reference
Rights	Open Access
Contact	
representation	
Language	Discipline
Resource Type	Spatial Coverage
Format	Temporal Coverage
Size	Version

Mapping is the process of defining how metadata elements are assigned to corresponding elements in the target schema. B2FIND uses different readers for retrieving metadata.

Supported generic standards are Datacite, Dublin Core, OpenAire and EUDAT Core. Discipline specific standards as ISO 19115/19139 [= INSPIRE] and DDI 2.5 are also supported, as well as community specific metadata schemas.

Search result page

