Open Data Available for Research (AVAA)

18.10.2017 HELDIG – Anssi Kainulainen, CSC

Services support stages of the research process

AVAA Open Science

Open data publishing platform

DMP Tuuli Open Science

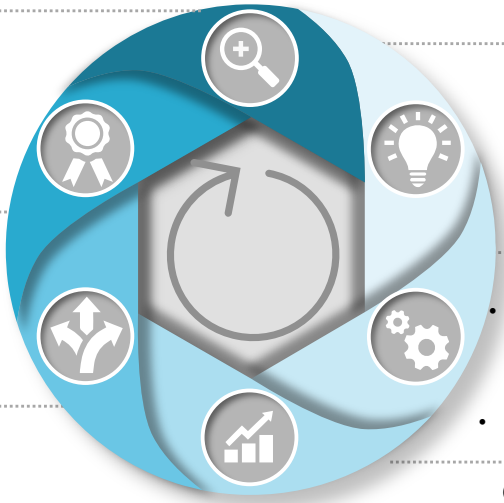
Data management planning tool

Digital preservation service for research

Utilising research
- Utilising research results
- Utilising research outputs
- Measurement
- Curating research outputs

Assessing results
- Assessing results
- Assessing preservation requirements

Publication and dissemination
- Evaluating and publishing research outputs
  Distributing research outputs
  Disseminating research results
  Ensuring long-term accessibility



Planning research
- Defining the research problem
- Planning research
- Research environment specification
- Funding and resourcing research
- Organising research

Implementing research
- Choosing or developing research methods
- Choosing and collating research data
- Processing research data
- Documenting research events
- Discovering and identifying research results

Generating research outputs
- Generating research outputs and describing research results
- Storing and preservaing research outputs and methods

Etsin Open Science

Research data finder

IDA Open Science

Research data storage service

AVAA Open Science

- AVAA is a platform for publishing open research data
- Enhances accessibility and reusability of open research data
- Serves both the producers and users of open data
- Offers applications and interfaces for utilizing open data
- Continuous service offered by MINEDU and produced by CSC

avointiede.fi/avaa

avaa.tdata.fi

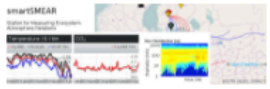
OPEN SCIENCE AND RESEARCH

Data in AVAA

Distribution of books in Finland before 1850

Paituli spatial data service

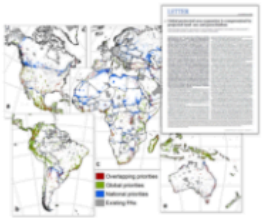
OpenFIRE



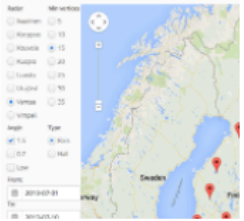
SmartSMEAR

CBIG Carnivores

Kotus Language Atlas

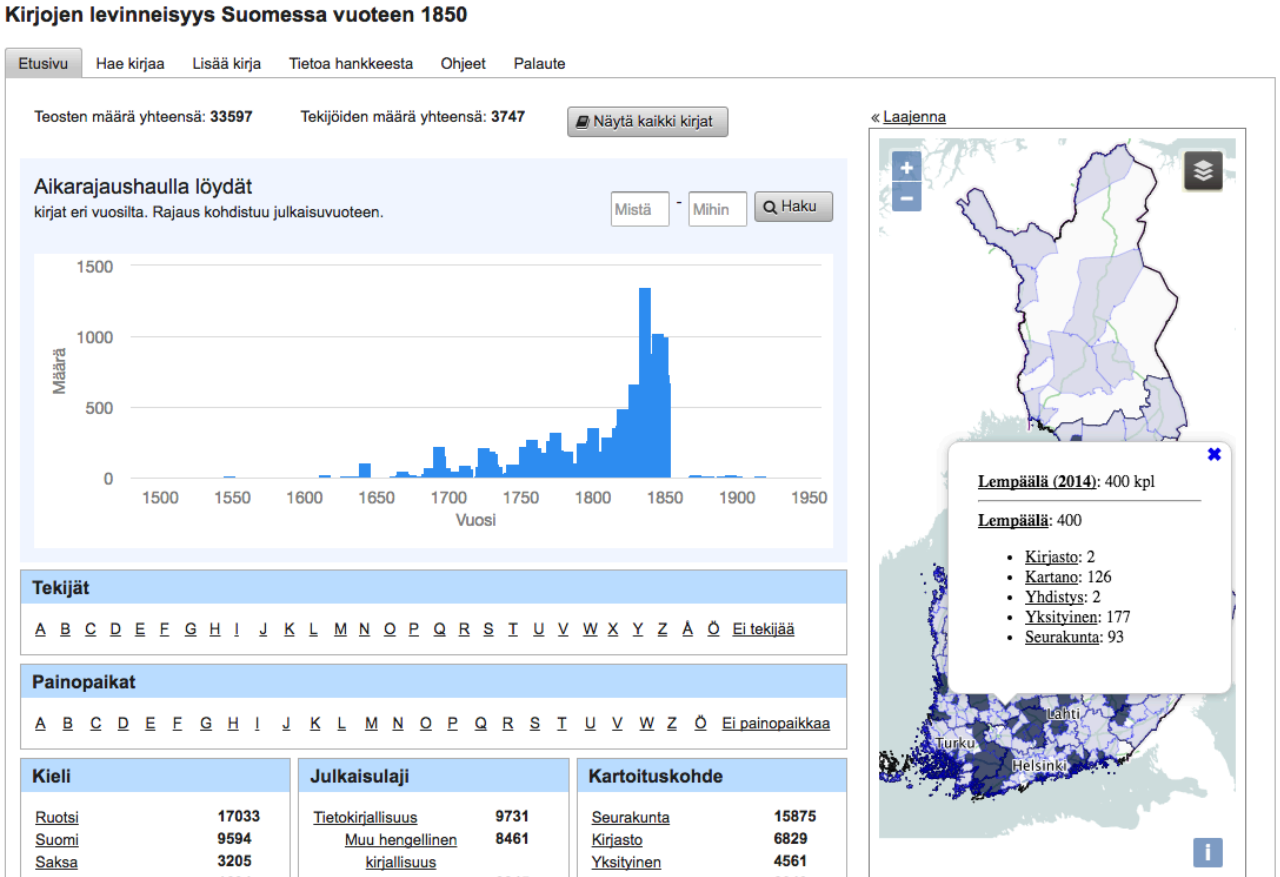


CBIG GPAN



RadarUI

Distribution of books from before 1850 in Finland



Language Atlas application

Ryhmät / Ilmiöt

- Hakusana: kala|sääski s.
  - kalasääksi
  - kalasääski

Ilmiö ID:	378005
Ilmiö:	*kalasääksi*
Tyyppi:	muoto
Kuvaus:	Hakusana: kala|sääski s.
Aineisto:	Suomen murteiden sanakirjan levikkikartat
Kuuluu ryhmiin:	Hakusana: kala|sääski s.

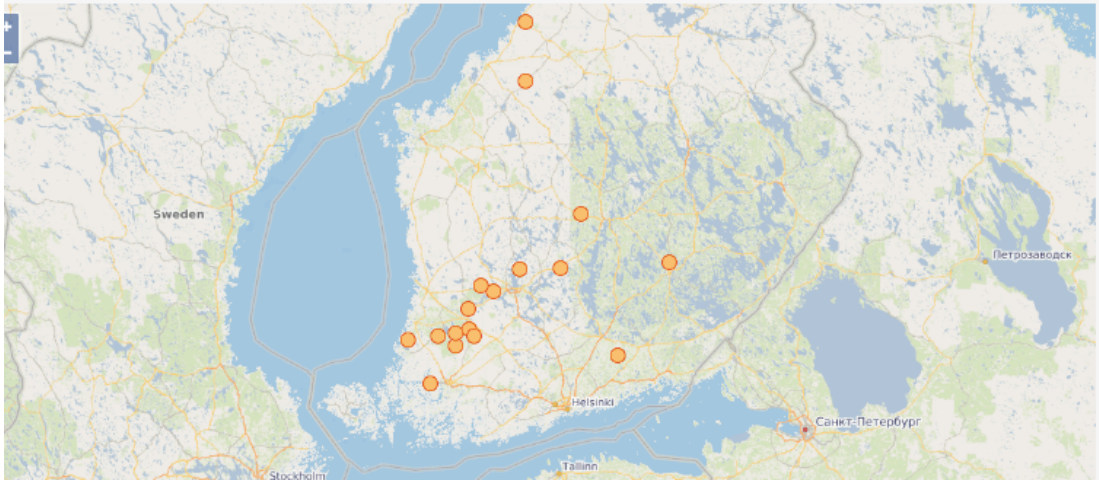
Siirry karttaan

Lataa ilmiön paikkatiedot tiedostona: CSV SHAPE-ZIP

Sijainnit:

Alastaro, Artjärvi, Hinnerjoki, Kalajoki, Keikyä, Längelmäki, Merimasku, Mikkeli, Mouhijärvi, Petäjävesi, Pyhämaa, Suoniemi, Säkylä, Teisko, Ullava, Vampula, Yläne

tietoihin



Rajat

- Pitäjät
- Länsi-Itä
- SMS murrealueet
- SMS murrealueosat

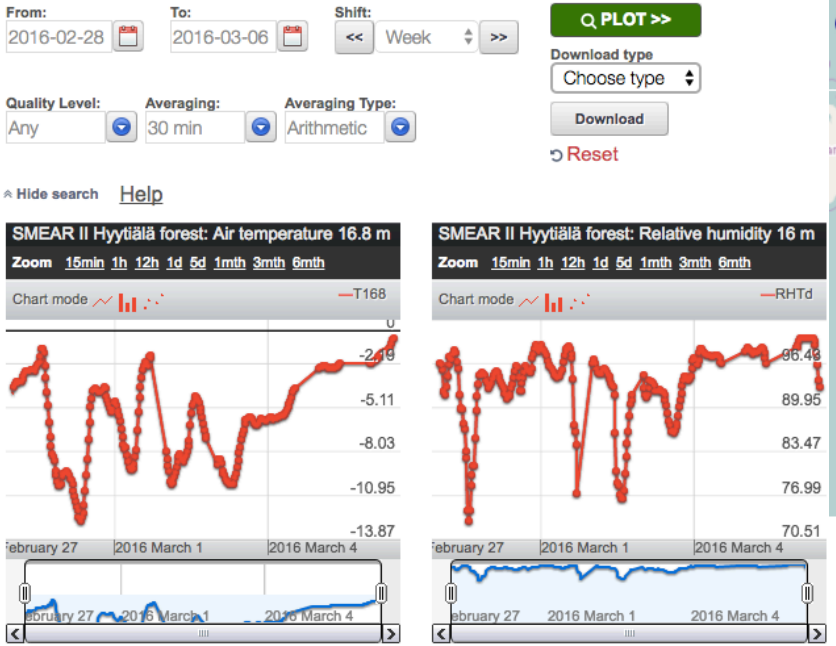
Ilmiöt Tyhjennä kartta

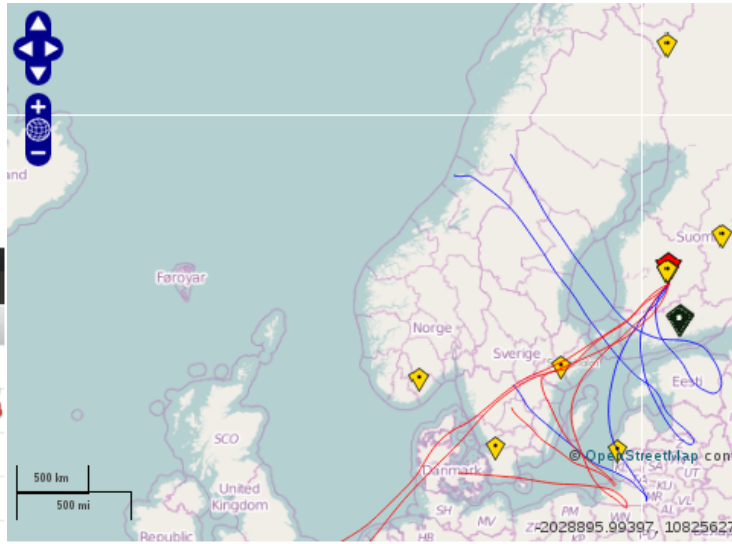
muoto: kalasääksi

Klikkaamalla ilmiötä kartalla saat ilmiöön liittyvät tiedot esille.

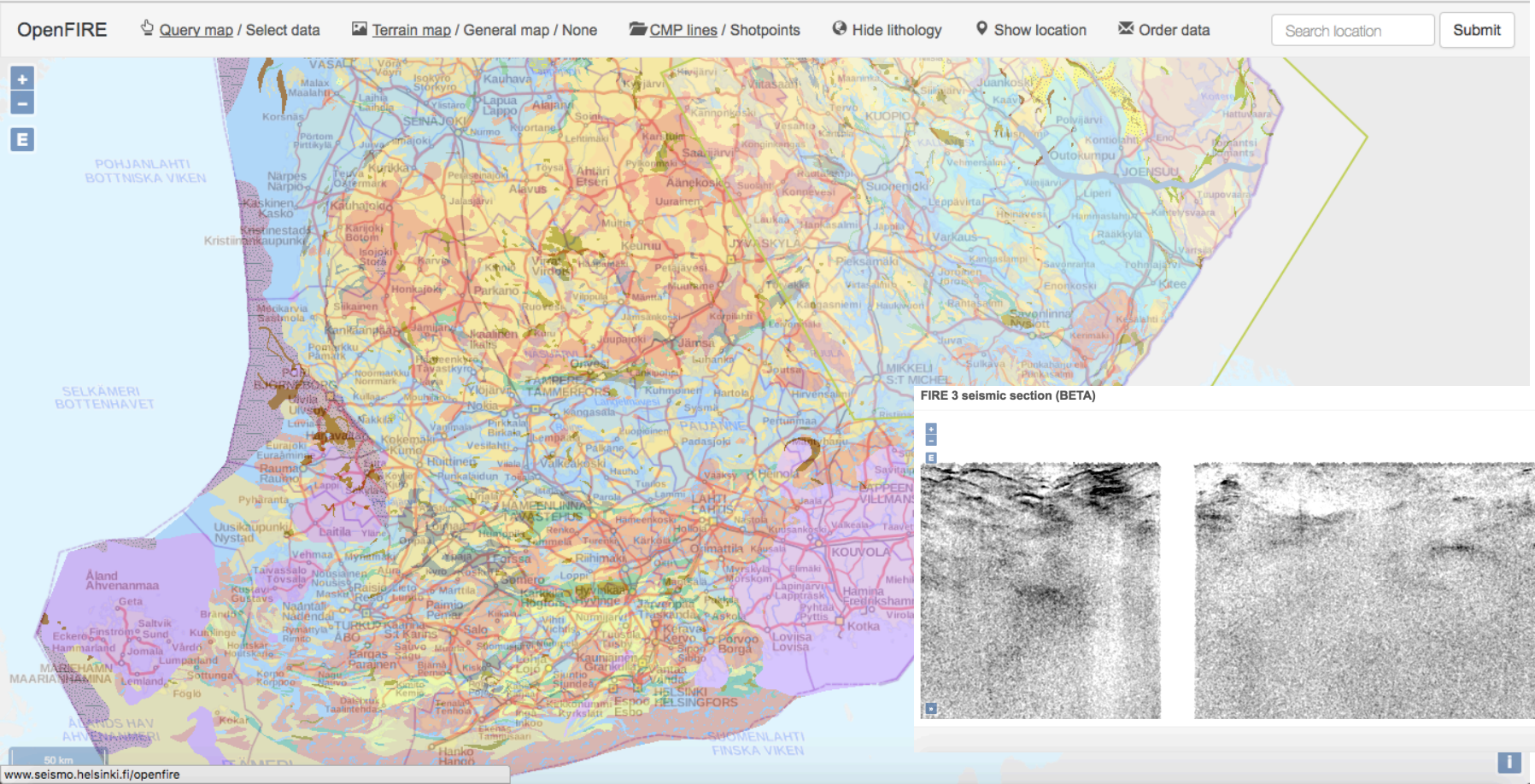
Voit korostaa halutun ilmiön esiintymät lisäämällä valintamerkin symbolin eteen.

SmartSMEAR application





OpenFIRE application



OpenStreetMap API

How to publish in AVAA

- Contact us: servicedesk @ csc.fi / asiakaspalvelu @ csc.fi
- A proposal for the initiative
  - Description of data (structure, format, significance)
  - Description of application (contents, features, UI sketches)
- Development with AVAA team

Thank you!