



Koninklijk Nederlands  
Meteorologisch Instituut  
*Ministerie van Infrastructuur en Waterstaat*

# KNMI Data Platform

API Workshop

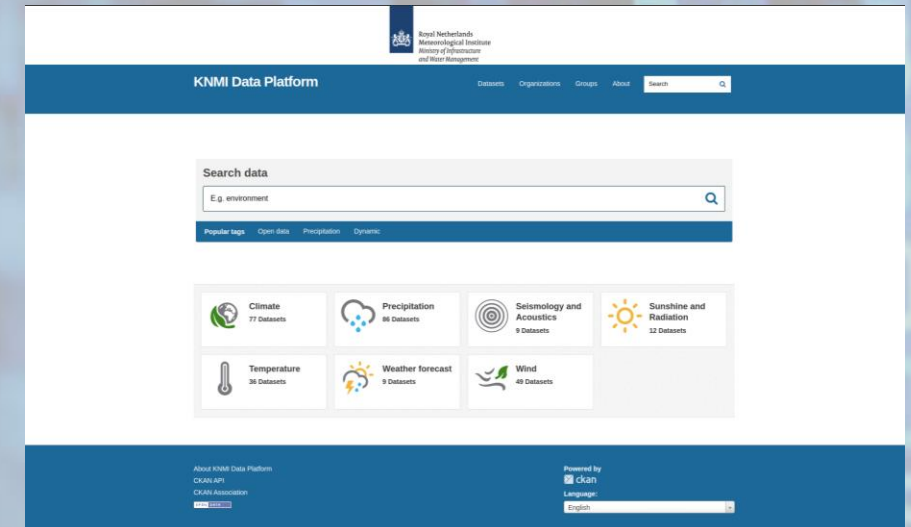
23 November 2022



# KNMI Data Platform

- › Weather, Climate and Seismic data
- › Searchable catalogue
- › Direct download or via API
- › Free and available for everyone

<https://dataplatform.knmi.nl/>

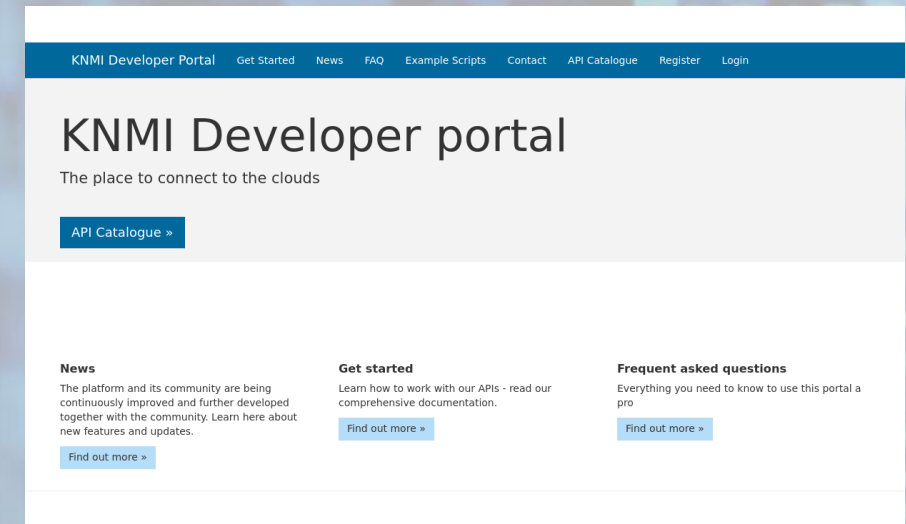




# KNMI Developer Portal

- > API keys:
  - Anonymous (shared), with restrictions (*fair use*)
  - Personal or per organisation
    - Open data key for regular access
    - Bulk key on request to download an entire dataset
- > Documentation
- > Example scripts
- > News

<https://developer.dataplatform.knmi.nl>





# Getting started

- › Materials:
  - <https://tinyurl.com/kdp-api-workshop>
  - Click on open-data-api
- › Request an API key:
  - <https://developer.dataplatform.knmi.nl/register/>
  - <https://developer.dataplatform.knmi.nl/apis/>
- › Software:
  - Python 3.8 (or later)
  - Postman
- › Documentation:
  - <https://developer.dataplatform.knmi.nl/get-started>
  - <https://developer.dataplatform.knmi.nl/example-scripts>





# Exercise

1. Look up a dataset in the Data Platform.  
For example Actuele10mindataKNMIstations
2. Get an Open API key at developer platform.
3. Retrieve the list of files for the dataset.
4. Download the latest file.
5. Explore the data.
6. Analyse the data.