



GEO-CRADLE in support to capacity building, stakeholder engagement and data sharing in the region

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National Observatory of Athens





Portal: Home page

[About GEO-CRADLE](#)[Team](#)[Activities](#)[Regional Capacities](#)[Outreach](#)[Resources](#)[Tools](#)[News & Events](#)[English](#)

GEO-CRADLE Project

Coordinating and integrating Earth Observation activities



Pilot Activities

Follow our pilot activities in four thematic areas:



Survey & Networking Platform

Take part in our



DataHub

Access, search and share Earth Observation Data for the three regions.



Funding Opportunities

Explore the available funding opportunities and the benefit of



<http://geocradle.eu/>



GEO GROUP ON
EARTH OBSERVATIONS



Networking platform: Home page (1/2)


<http://geocradle.eu/platform/>

Available for the first time in the RoI:

- inventory of regional capacities
- profiles of stakeholders
- assessment of country maturity
- potential partnerships




Networking platform: Home page (2/2)

 **GEO-CRADLE Networking Platform**


HOME PROFILES USER MANUAL

DATABASE SERVICES




Join our network of stakeholders.

Create your profile in our platform and join our network!



Stakeholders Browsing.

Discover stakeholders of interest by location, thematic area and view their profile and data!




Services and Features.

You can contact stakeholders of our network, request data and rate them!

THEMATIC AREAS

Climate Change Food Security & Water Extremes Management Raw Materials Energy




Improved adaptation to climate change relies on solid knowledge on current and future regional climate and convincing arguments as well as hands on tools for inspired policy making. GEO-CRADLE maximizes region specific, targeted information together with a specific roadmap for multi-spectra action directions, based on thorough assessment on the level of coordination and future investment to be carried towards the utilization of EO for climate adaptation and mitigation.




NEWSLETTER

Subscribe to our newsletter and stay updated on the project progress !


geocradle@noa.gr **SIGN UP**




✉ geocradle@noa.gr
☎ +30 210 3490086




The GEO-CRADLE project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 690133.

Designed & Developed by CrowdPolicy 




IAASARS

<http://geocradle.eu/>



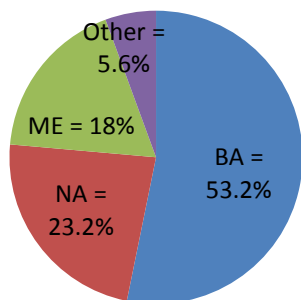
European Commission



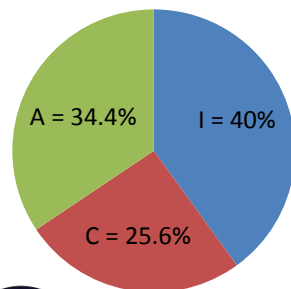
GEO GROUP ON EARTH OBSERVATIONS

Total responses: 250

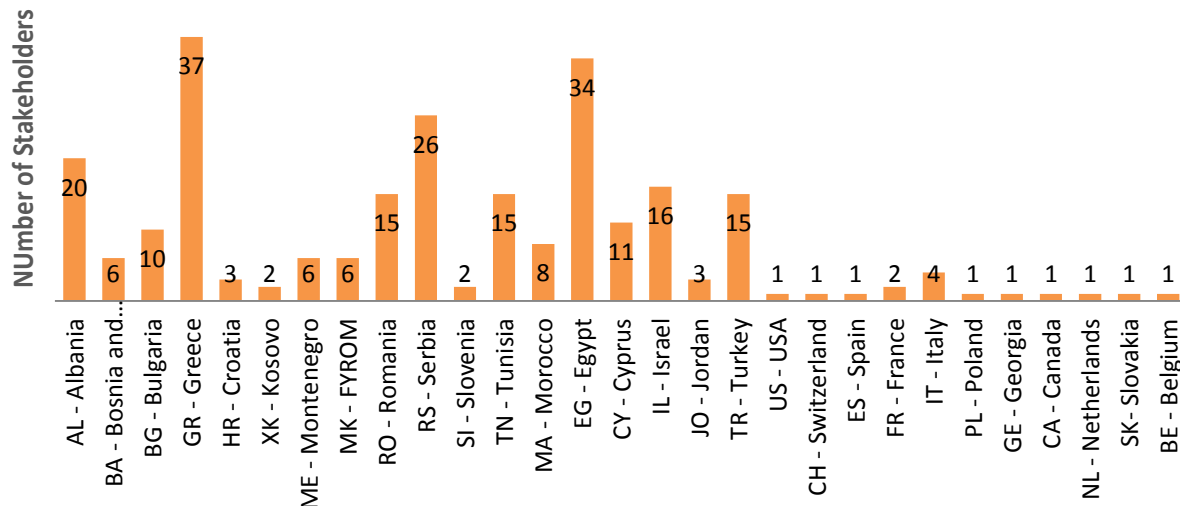
STAKEHOLDERS PER REGION
BA=Balkans; NA= North Africa;
ME=Middle East



STAKEHOLDERS PER TYPE
I=institutional; C=Commercial;
A= Academic & Research



STAKEHOLDERS PER COUNTRY



Balkans: 133, North Africa: 57, Middle East: 45, Other: 15

STAKEHOLDERS PER VALUE CHAIN ROLE

| | |
|--|-------|
| Raw data/provider | 49.2% |
| Value-adder(data process-modelling) | 64.0% |
| GIS/mapping service provider | 45.2% |
| End User or End User with in house GIS/ mapping capabilities | 50.4% |



Networking platform: Features

- **Software:** Wordpress.
- **Access:** Open access to all.
- **Profiles:** The profiles include exclusive and specific information collected by the GEO-CRADLE Survey.
- **Validation:** The profiles are validated by an administrator before publishing.
- **Filtering / search:** Three different mechanisms for filtering / search:
 - ✓ **Map search:** 3 filters to search the database & displays results on the map;
 - ✓ **Keywords search:** search by one or more keywords;
 - ✓ **Advanced search page:** 10 filters combined with “search by keywords” option.



Networking platform: Search option 1

Search option 1: Map view

The screenshot shows the GEO-CRADLE Networking Platform interface. At the top, there are links for Register and Login. The main header includes the platform name and navigation links: HOME, PROFILES, and USER MANUAL. The map view displays a world map with several data points marked by black circles with numbers (e.g., 3, 7, 9, 11, 102, 35). A red oval highlights the search filters: Country, Organisation Name, Thematic Area, and map controls (Roadmap, Terrain, Satellite, Zoom In, Zoom Out). Below the map, there is a search bar with the text "Search by Keywords: e.g. word1, word2" and a magnifying glass icon. Below the search bar, a message states: "If you wish to use more filters for your search, please visit the [Advanced Search Page](#)." At the bottom, there is a numbered list of steps: 1. GO TO SEARCH PAGE, 2. CHOOSE YOUR FILTERS, 3. GET YOUR SEARCH RESULTS.



Networking platform: Search option 1

Filters:

Country: Israel

Results on the map: 12

The screenshot displays the GEO-CRADLE Networking Platform interface. At the top, there is a teal header with a database icon, the platform name, and links for Register and Login. Below the header, the main content area features a search bar with 'Israel' entered and highlighted by a red circle. To the right of the search bar are fields for 'Organisation Name' and 'Stake Holder'. Below the search bar are buttons for 'Roadmap', 'Terrain', 'Satellite', 'Zoom In', and 'Zoom Out'. The map shows Israel with 12 stakeholder locations marked by blue circular icons. The locations are: Qiryat Shemona, Nazareth, Tiberias, Irbid, Netanya, Tel Aviv, Jerusalem, Be'er Sheva, Arad, Ma'ale Adumim, Amman, and Al Hadithan. The map also shows the Mediterranean Sea, Bardawil Lake, and various roads and cities in the region.



Networking platform: Search option 1

Filters:

Country: Israel

Thematic Area: Food security

Results on the map: 9

The screenshot displays the GEO-CRADLE Networking Platform interface. At the top, there is a teal header with a database icon, a 'www' icon, and 'Register' and 'Login' links. Below this is a navigation bar with the GEO-CRADLE logo, the text 'GEO-CRADLE Networking Platform', and the subtitle 'Database of GEO-CRADLE stakeholders'. To the right of the navigation bar are links for 'HOME', 'PROFILES', and 'USER MANUAL'. The main content area features a search interface with a text input field containing 'Israel' (circled in red), an 'Organisation Name' field, and a dropdown menu set to 'Food security' (also circled in red). Below the search fields are buttons for 'Roadmap', 'Terrain', 'Satellite', 'Zoom In', and 'Zoom Out'. The map shows Israel with 9 results marked by blue circular icons. The map includes labels for various cities and regions in both Greek and English, such as Naζαρεθ (Nazareth), Τιβεριάδα (Tiberias), Αρβιδ (Irbid), Νετάνια (Netanya), Τελ Αβιβ (Tel Aviv-Yafo), Ιερουσαλήμ (Jerusalem), Αμμάν (Amman), and Μπερ Σεβά (Beer Sheva). The map also shows the Mediterranean Sea, the Dead Sea, and the Jordan River.



Networking platform: Search option 1

Filters:

Country: Israel

Thematic Area: Food security

Results on the map: 9 Zoom in Tel Aviv

The screenshot displays the GEO-CRADLE Networking Platform interface. At the top, there is a teal header with 'Register' and 'Login' links. Below the header, the platform's logo and name 'GEO-CRADLE Networking Platform' are visible, along with the tagline 'Database of GEO-CRADLE stakeholders'. Navigation links for 'HOME', 'PROFILES', and 'USER MANUAL' are present. The main interface features a search bar with 'Israel' entered, a dropdown menu for 'Food security', and a map view. The map shows Israel with various locations marked. A red circle highlights the 'Zoom In' button. Another red circle highlights a specific location on the map, which is zoomed in to show a detailed view of Tel Aviv. The zoomed-in view includes the text 'TEL AVIV' and 'NIVERSITY' (partially obscured), and a search result for 'Remote Sensing Lab, Tel-Aviv U...' with a heart icon and the tag 'Climate change'.



Search option 2: Search by keywords (for quick search)

Country Organisation Name Thematic Area

Roadmap Terrain Satellite Zoom In Zoom Out

Search by Keywords: e.g. word1, word2

1. GO TO SEARCH PAGE

2. CHOOSE YOUR FILTERS

3. GET YOUR SEARCH RESULTS



Networking platform: Search option 2

Filters:

Keywords: Tel Aviv

Results: 4

GEO-CRADLE Networking Platform
Database of GEO-CRADLE stakeholders

HOME PROFILES USER MANUAL

Tel Aviv

If you wish to use more filters for your search, please visit the [Advanced Search Page](#).

4 Search Results Found

- Climate change, Access to raw materials**

Israeli Hydrological Service
Surface Water and Hydrometeorology Department
- Climate change, Food security**

ARIEL UNIVERSITY
Eastern Israel R&D center
Environmental research
- Food security**

Ministry of Agriculture
Soil erosion research station
- Climate change, Food security**

EL AVIV UNIVERSITY
Remote Sensing Lab, Tel-Aviv University
Department of Geography and Human Environment

GEO-CRADLE Networking Platform
Database of GEO-CRADLE stakeholders

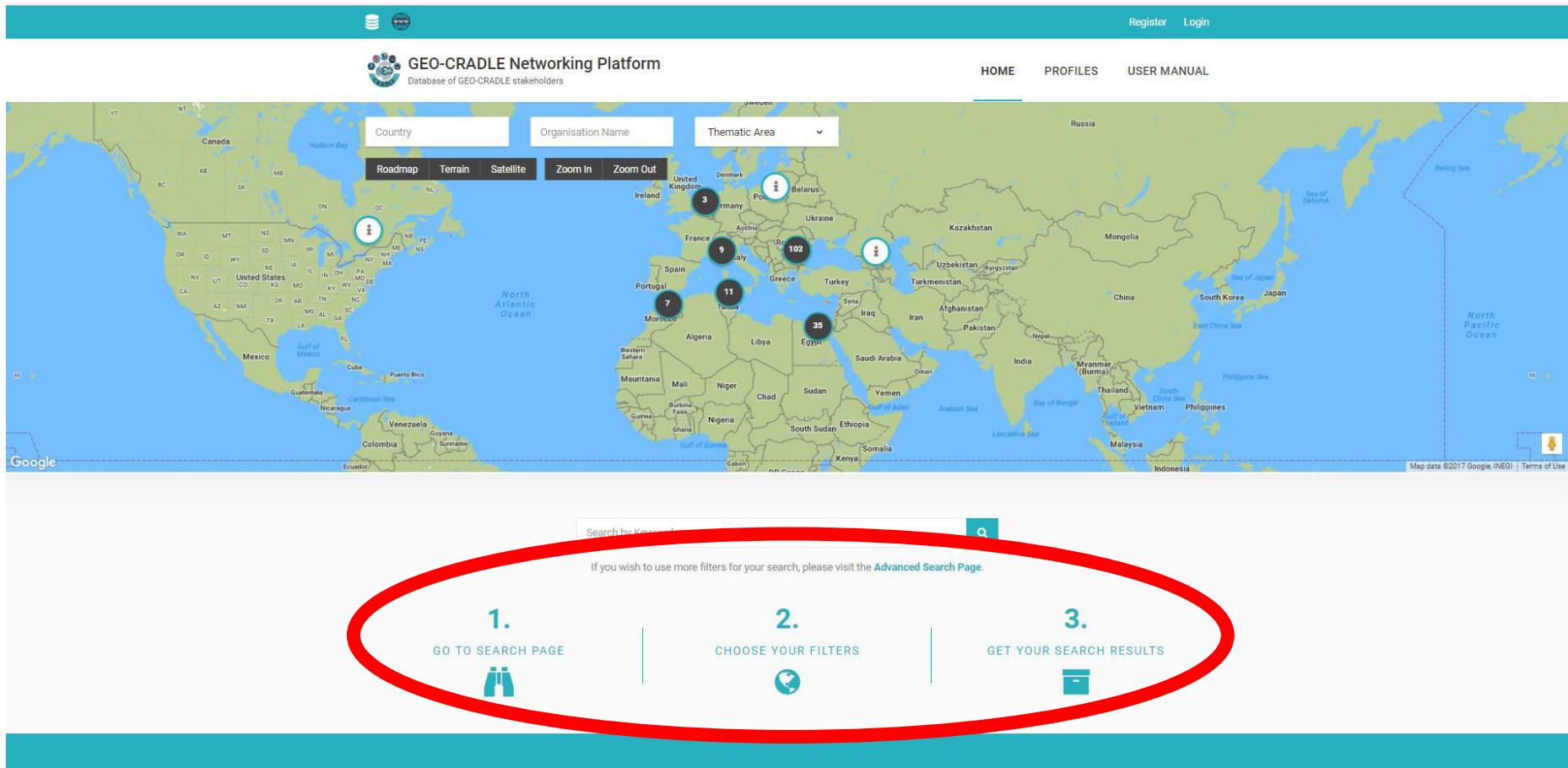
Country Organisation Name Thematic Area

Roadmap Terrain Satellite Zoom In Zoom Out

Tel Aviv

If you wish to use more filters for your search, please visit the [Advanced Search Page](#).

Search option 3: Advanced search page



Register Login

GEO-CRADLE Networking Platform
Database of GEO-CRADLE stakeholders

HOME PROFILES USER MANUAL

Country Organisation Name Thematic Area

Roadmap Terrain Satellite Zoom In Zoom Out

Search for Keywords

If you wish to use more filters for your search, please visit the [Advanced Search Page](#).

1. GO TO SEARCH PAGE
2. CHOOSE YOUR FILTERS
3. GET YOUR SEARCH RESULTS



Networking platform: Search option 3

Search by Keywords: e.g. word1, word2

Search

Thematic Areas

- ☐ Access to raw materials
- ☐ Climate change
- ☐ Energy
- ☐ Food security
- ☐ Other

Role in the value chain

- ☐ Raw data/provider
- ☐ Value-adder(data process-modelling)
- ☐ GIS/mapping service provider
- ☐ End User with in house GIS/ mapping capabilities
- ☐ End User

Region

- ☐ Balkans
- ☐ North Africa
- ☐ Middle East
- ☐ Other

Organization type

- ☐ Institutional
- ☐ Research & Academic
- ☐ Commercial

Space-borne capacities

- ☐ Do you own/operate EO satellite systems? e.g. Sentinel 1, RASAT
- ☐ Do you own/operate EO Ground Segment facilities, for reception storage and redistribution of satellite data? e.g. ESA Mirror Site

Ground-based/In-situ monitoring networks/facilities

- ☐ Meteorological/Climatic
- ☐ Atmospheric Composition/Profiling
- ☐ Hydrometric/Water Quality
- ☐ Soil attributes/Spectra
- ☐ Energy/Radiation
- ☐ Other (e.g. Earthquake/Landslide)

Modelling and computing processing capacities

- ☐ Meteorological/Climatic
- ☐ Atmospheric Composition/Profiling
- ☐ Hydrometric/Water Quality
- ☐ Soil attributes/Spectra
- ☐ Energy/Radiation
- ☐ Other (e.g. Earthquake/Landslide)

The source of EO data used in the model.

- ☐ Geospatial data (e.g.DTM)
- ☐ Remote sensing data (e.g raw satellite high-level images)
- ☐ In situ data (e.g. temperature-pressure-humidity)
- ☐ Other

Organisation has sufficient available computing resources for the processing and exploitation of EO data and the models running

- ☐ Server Clusters
- ☐ HPC Clusters
- ☐ Cloud Infrastructure
- ☐ Virtualization Infrastructure
- ☐ Processing Power Capacity (CPU-RAM-Storage Capacity)
- ☐ Other


EO data exploitation for the provision of value-adding services and products

- ☐ Ecosystems(desertification-environmental impact- pollution)
- ☐ Land Motion/Ground Movement
- ☐ Inland Water (rivers and lakes)
- ☐ Land Use/Cover & Change (classified activities and statistics)
- ☐ Meteocean (wind-waves)
- ☐ Geology
- ☐ Urban Areas
- ☐ Infrastructure (buildings-telecommunications and energy supply)
- ☐ Forest
- ☐ Snow/Ice
- ☐ Air Quality
- ☐ Climate
- ☐ Marine Ecosystems (including pollution-oil spills)
- ☐ Weather
- ☐ Floods
- ☐ Fires
- ☐ Agriculture (farming-crops-yield-etc)
- ☐ Other (e.g. landslide-earthquakes-etc)



Networking platform: Search option 3

Filters:
Region: Middle East
Results: 29

 **GEO-CRADLE Networking Platform**
Database of GEO-CRADLE stakeholders

Register Login

HOME PROFILES USER MANUAL

Search by Keywords: e.g. word1, word2

Thematic Areas


☐ Access to raw materials
☐ Climate change
☐ Energy
☐ Food security
☐ Other

Role in the value chain

☐ Raw data/provider
☐ Value-adder(data process-modelling)
☐ GIS/mapping service provider
☐ End User with in house GIS/ mapping capabilities
☐ End User

Region


☐ Balkans
☐ North Africa
☒ Middle East
☐ Other

 GEO-CRADLE Networking Platform


HOME PROFILES USER MANUAL

29 Search Results Found


Other


TURKSAT UYDU HABERLESME KABLO TV VE ISLETME A.S.


Climate change, Food security, Access to raw materials, Other, Energy


Space Science and Technologies - Akdeniz University


Climate change, Food security, Access to raw materials, Other, Energy


Remote Sensing Research and Application Center - Akdeniz University


Climate change, Food security, Access to raw materials, Other, Energy


Bogazici University Center for Climate Change and Policy Studies


Climate change, Access to raw materials


Auspices of Ben-Gurion University of the Negev


Climate change, Food security, Access to raw materials, Other, Energy


Dead-Sea and Arava Science Center


Climate change, Food security


Keren Kayemet LeIsrael - Jewish National Fund


Food security


University of Haifa


Climate change, Food security


Eastern Israel R&D center

Food security


GOLAN HEIGHTS WINERY

Other





<http://geocradle.eu/>





Networking platform: Search option 3

Filters:

Region: Middle East

Thematic area: Food security

Results: 20



GEO-CRADLE Networking Platform

Database of GEO-CRADLE stakeholders

HOME

PROFILES

USER MANUAL

Search by Keywords: e.g. word1, word2

Search

Thematic Areas

- ☐ Access to raw materials
- ☐ Climate change
- ☐ Energy
- ☒ Food security
- ☐ Other

Role in the value chain

- ☐ Raw data/provider
- ☐ Value-adder(data process-modelling)
- ☐ GIS/mapping service provider
- ☐ End User with in house GIS/ mapping capabilities
- ☐ End User

Region

- ☐ Balkans
- ☐ North Africa
- ☒ Middle East
- ☐ Other



<http://geocradle.eu/>

GEO-CRADLE Networking Platform

HOME PROFILES USER MANUAL

20 Search Results Found



Space Science and Technologies - Akdeniz University

Space Science and Technologies



Remote Sensing Research and Application Center - Akdeniz University

Remote Sensing Research and Application Center



Bogazici University Center for Climate Change and Policy Studies

Climate Change



Dead-Sea and Arava Science Center

Research



Keren Kayemet LeIsrael - Jewish National Fund

Climate change, Food security



Golan Heights Winery



Eastern Israel R&D center

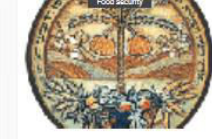
Environmental research



Ben-Gurion University of the Negev



Royal Jordanian Geographic Centre



Ministry of Agriculture



GEO GROUP ON EARTH OBSERVATIONS



Networking platform: Search option 3


Filters:

Region: Middle East

Thematic Area: Food security

Role: Value-adder

Results: 18

 **GEO-CRADLE Networking Platform**
Database of GEO-CRADLE stakeholders

HOME PROFILES USER MANUAL

Register Login

Search by Keyword: word1, word2

Thematic Areas

- ☐ Access to raw materials
- ☐ Climate change
- ☐ Energy
- ☒ Food security
- ☐ Other


Role in the value chain

- ☐ Raw data/provider
- ☒ Value-adder(data process-modelling)
- ☐ GIS/mapping service provider
- ☐ End User with in house GIS/ mapping capabilities
- ☐ End User

Region

- ☐ Balkans
- ☐ North Africa
- ☒ Middle East
- ☐ Other



 **GEO-CRADLE Networking Platform**

HOME PROFILES USER MANUAL

18 Search Results Found

Climate change, Food security, Access to raw materials, Energy

AKDENIZ UNIVERSITY
1962

Space Science and Technologies - Akdeniz University

Space Science and Technologies

Food security, Access to raw materials, Other, Energy

AKDENIZ UNIVERSITY
1962

Remote Sensing Research and Application Center - Akdeniz University

Remote Sensing Research and Application Center

Climate change, Food security, Other, Energy

Yogulama ve Araştırma Merkezi

Bogazici University Center for Climate Change and Policy Studies

Climate Change

Climate change, Food security, Access to raw materials, Other, Energy

Ben-Gurion University of the Negev

Dead-Sea and Arava Science Center

Research

Climate change, Food security

115 YEARS OF GREEN ACTION

Keren Kayemet LeIsrael - Jewish National Fund

University of Haifa

Geography and Environmental Studies

Food security

ARIEL UNIVERSITY

Eastern Israel R&D center

Environmental research

Climate change, Food security, Access to raw materials, Energy

ARIEL UNIVERSITY

Soil erosion research station

Climate change, Food security, Access to raw materials, Energy

ARIEL UNIVERSITY

Ministry of Agriculture

Climate change, Food security, Access to raw materials, Energy

ARIEL UNIVERSITY

Royal Jordanian Geographic Centre

Royal Jordanian Geographic Centre

Climate change, Food security

ARIEL UNIVERSITY

Ben-Gurion University of the Negev

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Networking platform: Search option 3

Filters:

Region: Middle East

Thematic Area: Food security

Role: End-user

Results: 11

GEO-CRADLE Networking Platform

HOME PROFILES USER MANUAL

11 Search Results Found

Food security, Access to raw materials, Other, Energy



Remote Sensing Research
and Application Center -
Akdeniz University

Remote Sensing Research and Application Center

Climate change, Food security, Other, Energy



Bogazici University Center for
Climate Change and Policy
Studies

Climate Change

Climate change, Food security



Keren Kayemet LeIsrael
-Jewish National Fund

Food security



ISmapping

Climate change, Food security



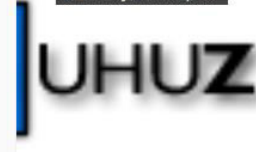
Ben-Gurion University of the
Negev

Geography and Environmental Development

Climate change, Food security



Climate change, Food security, Other



Ministry of Agriculture

Soil erosion research station

ITU-CSCRS

Food security, Other



Golan Heights Winery

General Directorate of
Forestry

Information System

Thematic Areas

- ☐ Access to raw materials
- ☐ Climate change
- ☐ Energy
- ☒ Food security
- ☐ Other

Role in the value chain

- ☐ Raw data/provider
- ☐ Value-adder (data process-modelling)
- ☐ GIS/mapping service provider
- ☐ End User with in house GIS/ mapping capabilities
- ☒ End User

Region

- ☐ Balkans
- ☐ North Africa
- ☒ Middle East
- ☐ Other



<http://geocradle.eu/>



GEO GROUP ON
EARTH OBSERVATIONS



Networking platform: Search option 3


Filters:

Region: Middle East

Thematic Area: Food security

Role: Value-adder & End-user

Results: 9

 **GEO-CRADLE Networking Platform**
Database of GEO-CRADLE stakeholders

Register Login

HOME PROFILES USER MANUAL

Search by Keywords: e.g. word1, word2

Thematic Areas


- ☐ Access to raw materials
- ☐ Climate change
- ☐ Energy
- ☒ Food security
- ☐ Other

Role in the value chain

- ☐ Raw data/provider
- ☒ Value-adder(data process-modelling)
- ☐ GIS/mapping service provider
- ☐ End User with in house GIS/ mapping capabilities
- ☒ End User


Region

- ☐ Balkans
- ☐ North Africa
- ☒ Middle East
- ☐ Other

 **GEO-CRADLE Networking Platform** HOME PROFILES USER MANUAL

9 Search Results Found


Food security, Access to raw materials, Other, Energy



Remote Sensing Research and Application Center - Akdeniz University

Remote Sensing Research and Application Center


Climate change, Food security, Other, Energy



Bogazici University Center for Climate Change and Policy Studies


Climate Change

Climate change, Food security




Keren Kayemet LeIsrael ~Jewish National Fund

Food security



ISmapping


Climate change, Food security, Other



ITU-CSORS

Center of Satellite Communication and Remote S...


Food security



Ministry of Agriculture

Soil erosion research station


Climate change, Food security



Ben-Gurion University of the Negev


Geography and Environmental Development

Climate change, Food security



REPUBLIC OF TURKEY
MINISTRY OF FOOD,
AGRICULTURE AND
LIVESTOCK

Climate change, Food security



Remote Sensing Lab-Tel Aviv University

<http://geocradle.eu/>





Networking platform: Example profile

Example Profile: Remote Sensing Lab, Tel-Aviv University

Section: Description


The screenshot shows the GEO-CRADLE Networking Platform interface. At the top, there is a teal header with a 'Register Login' link. Below this is a white navigation bar with the platform logo and name, and links for 'HOME', 'PROFILES', and 'USER MANUAL'. The main content area features a large background image of the Tel Aviv University logo. Overlaid on this is a profile card for the 'Remote Sensing Lab, Tel-Aviv University'. The card includes a teal tag for 'Climate change, Food security', the lab's name, its department 'Department of Geography and Human Environment', a five-star rating, and buttons for 'Share', 'Add to favorites', and 'Print'. Below the profile card is a dark grey navigation bar with tabs: 'Description' (highlighted with a red circle), 'Details', 'Activity Focus', 'Capacities', 'National Activities', 'Engagement in GEO-CRADLE', and 'Location'. The 'Description' tab is active, showing a white box with the title 'Description' and a paragraph about Tel Aviv University (TAU). To the right of the description box is a 'Contact Person' section with a profile picture placeholder, the name 'Yaron Ogen', and the email 'yaronogen@gmail.com'.



Networking platform: Example profile



Example Profile: Remote Sensing Lab, Tel-Aviv University

Section: Details

 **GEO-CRADLE Networking Platform**

HOME PROFILES USER MANUAL

Description **Details** Activity Focus Capacities National Activities Engagement in GEO-CRADLE Location

 yaronogen@gmail.com
 972544475510
[Message](#)

Details

| | |
|-------------------|---|
| First Name | Yaron |
| Last Name | Ogen |
| Title | Remote Sensing Lab, Tel-Aviv University |
| Position | Ph.D student |
| Email 1 | yaronogen@gmail.com |
| Phone 1 | 972544475510 |
| Organisation Name | Tel Aviv University (TAU) |
| Department | Department of Geography and Human Environment |
| Type | Institutional |
| Thematic Area | Climate change Food Security |
| Website(s) | http://www.tau.ac.il/~rslweb/index.html |
| Street Name | Zelig |
| Street No | 10 |
| Postal Code | 6969352 |
| Town | Tel Aviv |
| Country | Israel |

Contact us


Send to Geo Cradle Team your ideas



Networking platform: Example profile

Example Profile: Remote Sensing Lab, Tel-Aviv University

Section: Activity Focus

 **GEO-CRADLE Networking Platform** HOME PROFILES USER MANUAL

Description Details **Activity Focus** Capacities National Activities Engagement in GEO-CRADLE Location

Activity Focus

1. Which of these statements best describe your Organisation's role in the value chain?

Raw data/provider

Value-adder(data process-modelling)

End User with in house GIS/ mapping capabilities

End User

2. What are the main thematic areas of activity of your Organisation?

Climate change (e.g. climatology- meteorology atmospheric composition- air quality- radiation)

Food security (including agriculture and water extremes i.e. floods and droughts)

3. Has your organisation participated in EO-related projects?

Yes

Please provide links where applicable (e.g. FP& BEYOND – website URL), or any other information that you find useful

EO-miners, EUFAR-1, EUFAR-2

4. Has your Organisation participated in any Copernicus service provision, Copernicus User requirements definition or Copernicus Research & Innovation action?

No

5. Has your Organisation participated in any GEO/GEOSS SBA Tasks, community activities or initiatives?

Yes

Please provide some additional information

GeoMIN and energy

6. How would you rate your Organisation's level of collaboration with other EO actors in your country or abroad?


<http://geocradle.eu/>



Networking platform: Example profile

Example Profile: Remote Sensing Lab, Tel-Aviv University

Section: Capacities

 **GEO-CRADLE Networking Platform**

HOME PROFILES USER MANUAL

Description Details Activity Focus **Capacities** National Activities Engagement in GEO-CRADLE Location

Capacities

From the list below, please choose all the domains in which your organisation has capacities.

2) Ground-based/in-situ monitoring networks/facilities (of active or passive remote sensors- meteo/atmospheric /water sensors- etc)

3) Modelling and computing processing capacities

4) EO data exploitation for the provision of value-adding services and products

Do you own/operate EO satellite systems? e.g. Sentinel 1, RASAT

No

Do you own/operate EO Ground Segment facilities, for reception storage and redistribution of satellite data? e.g. ESA

Mirror Site

No

Ground-based/in-situ monitoring networks/facilities

1. What type of ground-based/in-situ networks or facilities do you operate?

Meteorological/Climatic

Atmospheric Composition/Profiling

Soil attributes/Spectra

Energy/Radiation

Meteorological/Climatic

Number of stations

9 portable meteorological stations

What is the geographic coverage/extent?



Networking platform: Example profile

Example Profile: Remote Sensing Lab, Tel-Aviv University

Section: National Activities

GEO-CRADLE Networking Platform

HOME PROFILES USER MANUAL

Description Details Activity Focus Capacities **National Activities** Engagement in GEO-CRADLE Location

National Activities

1. Is there funding for EO activities available in your country?

Yes

If yes, specify the case(s).

Yes-for infrastructure development

Yes- for R&D

Please specify

ISA and ministry of science and infrastructure support, ERC - European Research Community, Israel Science Fundation, Governmental ministries, Israel Space Agency

2. Is there a National Space Policy/Strategy?

Yes

Please specify

by ISA headquarter

3. Is there a Space Agency in your country?

Yes

4. Which of the following best describes the level of coordination of EO activities in your country?

Fully Integrated

Please provide examples of collaboration between research and private sector entities in your country.

Research between ISA and ASI for vicarious calibration of HSR orbital sensors (SHALOM and PRISMA) with relation to electrooptic and aerospace companies such as: IAI, ELOP and Telespatio



Networking platform: Example profile

Example Profile:

Remote Sensing Lab, Tel-Aviv University

Sections: Engagement in GEO-CRADLE & Location

GEO-CRADLE Networking Platform

HOME PROFILES USER MANUAL

Description Details Activity Focus Capacities National Activities **Engagement in GEO-CRADLE** Location

Engagement in GEO-CRADLE

1. Would your Organisation be interested in contributing with its capacities to a regional initiative of GEO and/or Copernicus, addressing regional needs in the domains of Climate Change, Access to Raw Materials, Energy, Food Security and Water?

Yes

2. Would you be interested in providing feedback to the GEO-CRADLE consortium for establishing a roadmap for the implementation of GEO and Copernicus in North Africa, Middle East and the Balkans?

Yes

3. Would your organisation be interested in receiving our quarterly newsletter and/or participating in future networking events?

Yes I would like to be informed on upcoming events


Location

<http://geocradle.eu/>



Networking platform: Registration / Survey

[Register](#) [Login](#)

**GEO-CRADLE Networking Platform**
Database of GEO-CRADLE stakeholders

[HOME](#) [PROFILES](#) [USER MANUAL](#)

Registration

Username

E-mail

Password

Retype Password

☐ I agree with [terms & conditions](#)


[Sign Up](#)

You can read the [User Manual](#) here.




NEWSLETTER

Subscribe to our newsletter and stay updated on the project progress !


[SIGN UP](#)



✉ geocradle@noa.gr
☎ +30 210 3490086



The GEO-CRADLE project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 690133.

Designed & Developed by CrowdPolicy 



<http://geocradle.eu/>





Networking platform: Registration / Survey

You have been successfully registered.



[My Profile](#) [Logout](#)



GEO-CRADLE Networking Platform

Database of GEO-CRADLE stakeholders

[HOME](#)

[PROFILES](#)

[USER MANUAL](#)

[Home](#) / [My Profile](#)

My Profile

[+ Create Profile](#)

You don't have any profile, yet. Start by creating new one.

NEWSLETTER

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<http://geocradle.eu/>





Networking platform: Registration / Survey

My Profile Logout

 **GEO-CRADLE Networking Platform**
Database of GEO-CRADLE stakeholders

HOME PROFILES USER MANUAL

Home / Create Profile

Create Profile

Progress

Stakeholder Name (This will be displayed as your Profile name) *

Description

Profile Photo
No image selected
Add Image




Cover Photo
No image selected
Add Image

Save

- 1 Profile Info
- 2 General Info
- 3 Activity Focus
- 4 Capacities
- 5 National Activity
- 6 Engagement in GEO-CRADLE

NEWSLETTER

Subscribe to our newsletter and stay updated

 HORIZON 2020  

The GEO-CRADLE project has received funding from



General info

- Personal Information
- Your Organization

Activity Focus

- Your Organisation's role in the value chain
- Main thematic areas of activity
- Participation in EO-related projects
- Participation in Copernicus
- Participation in GEO/GEOSS SBA Tasks
- Collaboration with other EO actors

Capacities

- Space-borne capacities
- Ground-based/In-situ monitoring networks/facilities
- Modelling and computing processing capacities
- EO data exploitation

- 1 Profile Info
- 2 General Info
- 3 Activity Focus
- 4 Capacities
- 5 National Activity
- 6 Engagement in GEO-CRADLE



National Activities

- National funding for EO activities
- National Space Policy/Strategy
- Existence of National Space Agency
- Coordination of EO activities in the country
- Interaction between the EO community and decision makers in the country
- Organisation of EO dedicated workshops in the country

- 1 Profile Info
- 2 General Info
- 3 Activity Focus
- 4 Capacities
- 5 National Activity
- 6 Engagement in GEO-CRADLE

Engagement in GEO-CRADLE

- Contribute with your capacities to a regional initiative of GEO and/or Copernicus?
- Provide feedback for establishing a roadmap for the implementation of GEO and Copernicus in the region?
- Participate in future GEO-CRADLE networking events and portal?



Networking platform: Login

Geo-Cradle Portal | Login - Superlist | UserManual.pdf

cpdev.crowdpolicy.com/geo-cradle-stakeholders/login/

90% | Αναζήτηση

Πιο συχνά αναγνώσμ... | Εικονίδιος | Suggested Sites | Web Slice Gallery

Register | **Login**

GEO-CRADLE Networking Platform
Database of GEO-CRADLE stakeholders

HOME | PROFILES | USER MANUAL

Login

Username

Password

Log in


[I've forgotten my password.](#)




NEWSLETTER

Subscribe to our newsletter and stay updated on the project progress !


geocradle@noa.gr

SIGN UP


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+30 210 3490086

The GEO-CRADLE project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 690133.

Designed & Developed by CrowdPolicy 



Portal: Home page

[About GEO-CRADLE](#)[Team](#)[Activities](#)[Regional Capacities](#)[Outreach](#)[Resources](#)[Tools](#)[News & Events](#)[English](#)

GEO-CRADLE Project

Coordinating and integrating Earth Observation activities



Pilot Activities

Follow our pilot activities in four thematic areas:



Survey & Networking Platform

Take part in our



DataHub

Access, search and share Earth Observation Data for the three regions.



Funding Opportunities

Explore the available funding opportunities and the benefit of



<http://geocradle.eu/>



GEO GROUP ON
EARTH OBSERVATIONS



Regional Data Hub: Home page

<http://datahub.geocradle.eu/>

An **alpha version** of the tool is currently available and online providing an almost complete connection with the GCI and GEOSS datasets that are related with the RoI and the project's thematic areas.

Geocradle

Home Groups Datasets News Log in Register

Trial mode
RDI beta mode

[About](#)

The Regional Data Hub (RDH) will soon provide access to both region-related datasets, portals and services developed by a regional network of raw data providers, intermediate users/service providers, end-users from Industry, Academic and Public Sector from the Region of Interest, and, also, datasets and services directly fed from the GEOSS-portal. Moreover, being the centralised gateway for regional data providers to contribute easily and timely their products to GEOSS, the Regional Data Hub is designed to become the focal node in the region in the context of GEOSS and Copernicus implementation. The RDH will facilitate access to downloadable files of Space-borne data from real-time EO satellite missions acquisitions; data from Airborne campaigns performed in the region; In-situ data; and Models such as Atmospheric and Climate.

[Find](#)

Data Innovation Involvement Growth

[Groups](#)

Global Earth Observation System of Systems (GEOSS)
A central part of GEO's Mission is to build the Global Earth Observation System of Systems (GEOSS). GEOSS is a set of...

PILOT 1: Adaptation to Climate Change (ACC)
The RoI has been recognised by the Intergovernmental Panel on Climate Change as one of the most sensitive and vulnerable...

The **beta version** will be released soon providing a more stable service and full interoperability with GCI and GEO DAB APIs, as well as a first level connection with data available through the project pilots.

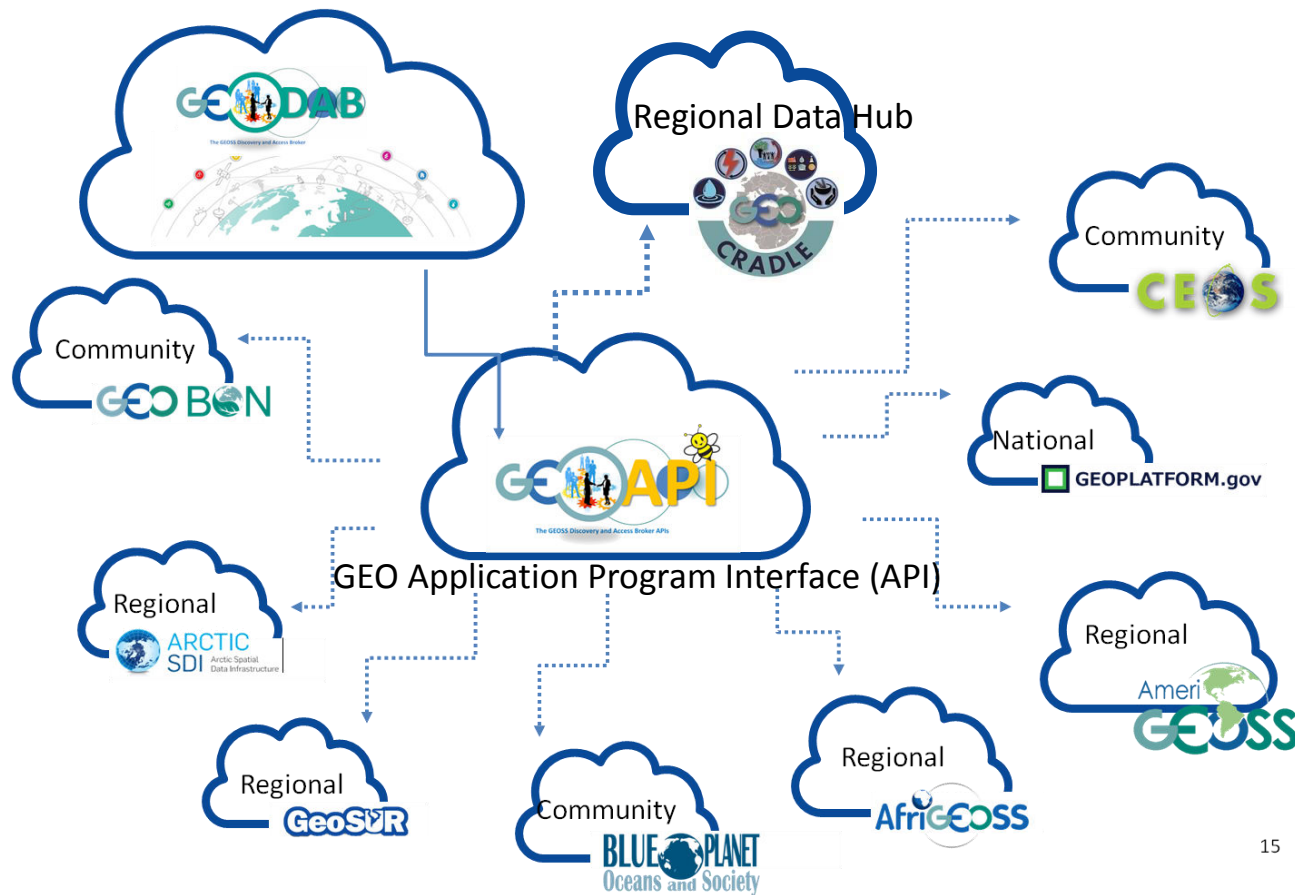
<http://geocradle.eu/>



Users/GEO Portals

National, regional or thematic community portals,
leveraging GEOSS Common Infrastructure (GCI) resources
and GEO DAB APIs

GEO Discovery and Access Broker (DAB)





- ✓ RDH is designed to become the focal node in the region in the context of GEOSS and Copernicus implementation.
- It is an open data web management tool / portal (developed using web technologies such as PHP, HTML5, JavaScript, CSS, etc.) that provides access to region-related datasets and services, directly fed from GCI, and at the same time being the central gateway for regional data providers to contribute easily and timely their products to GEOSS.
- It advances the current state of the art by integrating DKAN, which is a complementary implementation of CKAN (Comprehensive Knowledge Archive Network) over Drupal/PHP, with the GEO DAB APIs. DKAN CMS (Content Management System) is an open-source data management platform that treats data as content, facilitating the subsequent publication, management, and maintenance of these, no matter the administration team, its size and level of technical expertise.



Regional Data Hub

✓ Several achievements were accomplished for the RDH to be able to provide its users the functionalities described above:

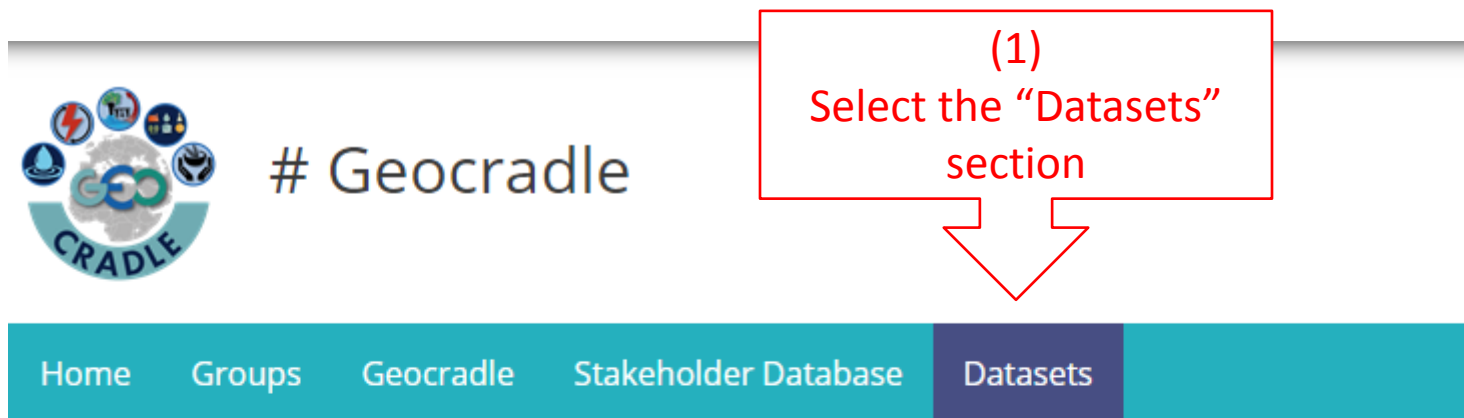
- **Search in multiple sources** (although by default DKAN looks up for datasets and resources in a single local database).
- **Search for datasets in remote resources** (integration of the GEO DAB APIs in the DKAN environment).
- **Display the remote datasets and resources on-the-fly and with high performance** (using a rendering cache mechanism which also implements an Adaptive Time-to-Live consistency mechanism to periodically check the consistency of the cached rendering structures with the original data to assure that users do not receive stale data).
- **Cleaning data mechanism** (cleans identical or duplicate data, discovers missing information for data, discovers URL that have changed or that are not working anymore, discards data with invalid URL schemes, etc.)
- **Preview mechanism** (to preview data of various formats and services, such as CSV files, Web Map Services, Zip files, etc.)

An integrated Search and Display mechanism that offers the users unified, centralized and user-friendly interface.



Regional Data Hub: Example

A First Search Example (that returns datasets local to RDH)



 / Home

(2)
Apply free text
(e.g. climate)

Search

climate

Apply

Select any filter and click on Apply to see results



Regional Data Hub: Example



Geocradle

[Home](#)[Groups](#)[Geocradle](#)[Stakeholder Database](#)[Datasets](#)[Log in](#)[Register](#)[Home](#) / [climate](#) / Dataset

Content Types

Dataset

Tags

Format

Publisher

Global Earth Observation
System of Systems (GEOSS)
(3504)

Related Portals and Sites (2)

License

3506 results

Search

Apply

Datasets as
search results



Meteorological and hydrological institute of Croatia

[Related Portals and Sites](#)

Meteorological and hydrological institute of Croatia is fundamental institution for meteorology and hydrology in Croatia. It is founded by decree of Government of People's Republic of Croatia (NRH) on 27th of August 1947.

html



GeoPortal Montenegro Realestate

[Related Portals and Sites](#)

GeoPortal Montenegro Realestate

html



Mediterranean Sea Acidification in a changing climate

[Global Earth Observation System of Systems \(GEOSS\)](#)

Search Facets that
allow the users to
further filter the
search results



Content Types

Dataset

Tags

climate change (2)

Cadastre (1)

Croatia (1)

Food security (1)

Forecasts (1)

Hydrology (1)

Meteorology (1)

Montenegro (1)

Format

Publisher

Related Portals and Sites

License

2 results

Search

[Apply](#)

Meteorological and hydrological institute of Croatia

[Related Portals and Sites](#)

Meteorological and hydrological institute of Croatia is fundamental institution for meteorology and hydrology in Croatia. It is founded by decree of Government of People's Republic of Croatia (NRH) on 27th of August 1947.

html



GeoPortal Montenegro Realestate

[Related Portals and Sites](#)

GeoPortal Montenegro Realestate

html

"Publisher" filter applied
limiting search results to
two!



Regional Data Hub



Geocradle

[Home](#)[Groups](#)[Geocradle](#)[Stakeholder Database](#)[Datasets](#)[er](#)

[Home](#) / [climate](#) / [Related Portals and Sites](#) / [Croatia](#) / Dataset

Page breadcrumb which depicts user's applied filters according to their appliance order!

Content Types

Dataset

Tags

Croatia

climate change (1)

Forecasts (1)

Hydrology (1)

Meteorology (1)

Format

Publisher

Related Portals and Sites

License

1 results

Search

Apply




Meteorological and hydrological institute of Croatia

Related Portals and Sites

Meteorological and hydrological institute of Croatia is fundamental institution for meteorology and hydrology in Croatia. It is founded by decree of Government of People's Republic of Croatia (NRH) on 27th of August 1947.

html

A "Tags" filter applied which along with the "Publisher" filter further limited the search results to just one!




HomeGroupsGeocradleStakeholder DatabaseDatasetsLog inRegister

[Home](#) / [Datasets](#) / Meteorological and hydrological institute of Croatia

[View](#) [Revisions](#)

Full Page View of the Dataset



PORTAL

Related Portals and Sites

Browse among related portals and sites.

License

Open Data Commons Open Database License (ODbL)

[OPEN DATA](#)

Other Access

The information on this page (the dataset metadata) is also available in these formats.

[JSON](#) [RDF](#)

via the [DKAN API](#)

Social

[Twitter](#)

[LinkedIn](#)

[Reddit](#)

[Google+](#)


[Facebook](#)

Meteorological and hydrological institute of Croatia

Meteorological and hydrological institute of Croatia is fundamental institution for meteorology and hydrology in Croatia. It is founded by decree of Government of People's Republic of Croatia (NRH) on 27th of August 1947. Part of staff (fifty employees) and equipment was taken up from Geophysical institute and Ministry of construction of NRH, which conducted part of services from field of meteorology and hydrology (opservations, weather forecast, etc.). Until Croatia became independent state, ie. till 1991., MHS operate as republic institution, and after that as state one. MHS, in the name of state of Croatia perform international cooperation after 1992., when Croatia becomes member of World meteorological organisation (WMO). Over the years, as required by the growing range and amount of work, the number of employees increased to reach a stuff of more than 440.

The Institute internal organisation and its scope have been constantly changing and adapting to the increasingly demanding requirements set on hydrological and meteorological services to meet the demands of economy, traffic and environment.

Data and Resources


 **Croatian Meteorological and Hydrological Service - Services and Products**

This website provides an easy procedure to access weather, climate and...

[Go to source](#)

[Croatia](#) [climate change](#) [Meteorology](#) [Hydrology](#) [Forecasts](#)

Dataset Info

 These fields are compatible with [DCAT](#), an RDF vocabulary designed to facilitate interoperability between data catalogs published on the Web.

| Field | Value |
|---------------------|---|
| Publisher | Related Portals and Sites |
| Modified Date | 2017-06-29 |
| Release Date | 2017-06-29 |
| Homepage URL | http://meteo.hr/index_en.php |
| Identifier | 05bdefea-88e8-4062-86a3-988f6716f481 |
| License | Open Data Commons Open Database License (ODbL) |
| Contact Name | Meteorological and hydrological institute of Croatia |
| Contact Email | dhmz@cirus.dhz.hr |
| Public Access Level | Public |

Dataset's Group widget
(Provides link to other datasets of the same group)

Dataset's License widget

Other Access widget
(Provides JSON & RDF view of the Dataset)

Social widget
(The user can instantly share the dataset through various social media platforms)

Dataset's Title

Dataset's Description

Dataset's Links to its Resources

Dataset's tags
(Provide links that initiate searches with these tags)

Dataset's Additional Information



Regional Data Hub

Various useful links
(Direct link to the
resource,
Link to the resource's
dataset, etc.)

Full Page View of the Dataset's Resource

[Home](#) [Groups](#) [Geocradle](#) [Stakeholder Database](#) [Datasets](#) [Log in](#) [Register](#)

[Home](#) / [Datasets](#) / [Meteorological and hydrological institute of Croatia](#) / Croatian Meteorological and Hydrological Service - Services and Products

[View](#) [Back to dataset](#) [Revisions](#) [Go to resource](#)

Croatian Meteorological and Hydrological Service - Services and Products

This website provides an easy procedure to access weather, climate and hydrological data in Croatia, whether they are needed for private or business purposes. The most commonly sought information is that concerned with the weather conditions (including weather forecast) and climatological data, and can be obtained in the textual or graphical form (tables, graphs etc) or in a form of your choice. The information provided must be paid according to the current price-list of the Croatian Meteorological and Hydrological Service. The price-list is provided with the offer.

If you are satisfied with terms and conditions of the offer, and after the payment is completed, the requested data and the invoice will be delivered by registered post within ten days (or e-mail if the request is urgent).

If the data requested are needed as for high school or university thesis, or for scientific research, they are free of charge. We hope that we may help you and that our data will be of use to you!

The screenshot shows the website of the Croatian Meteorological and Hydrological Service (DHMZ). The header includes the service name and navigation tabs: Weather, Forecasts, Climate, Hydrology, and Croatian. The main content area is titled 'Services and Products' and includes a 'Dear Users!' section with a detailed description of the service, a list of request forms (PDFs), and a sidebar with links to About us, Services, Events, News, Cooperation, Projects, Contact us, and Links.

Page
breadcrumb

Resource's
Title

Resource's
Description

Live preview of
Resource's Remote Link,
API or File

Resources

Croatian Meteorological and Hydrological Service - Services and Products



A Second Search Example (that returns datasets from GEOSS)



Geocradle

(1)
Select the "Datasets"
section

Home

Groups

Geocradle

Stakeholder Database

Datasets

 / Home

(2)
Search for Danube
Portal datasets

Search

Danube

Apply

Select any filter and click on Apply to see results



Regional Data Hub



Geocradle

[Home](#)[Groups](#)[Geocradle](#)[Stakeholder Database](#)[Datasets](#)[Log in](#)[Register](#)

[Home](#) / [Danube](#) / Dataset

Content Types

Dataset

Tags

Format

text/tab-separated-values
(104)

application/zip (2)

Publisher

578 results

Search

Apply

Search results
with datasets
fetched from GCI!



Hypsometric Map of Danube Delta

Global Earth Observation System of Systems (GEOSS)

Digital Hypsometric Map of Danube Delta



Romanian Danube Delta Biosphere Reserve Soil Map

Global Earth Observation System of Systems (GEOSS)

Romanian Danube Delta Biosphere Reserve Soil Map



Digital Terrain Model of Danube's Floodplain in Romanian Sector

Global Earth Observation System of Systems (GEOSS)

The main task of drafting the numerical model of the terrain by LIDAR (Light Detection and Ranging) technology was performed with a flight over the Danube's Floodplain scanning the whole surface area.

data

Search Facets with
format frequencies
as returned from
GCI!



Geocradle

Home / Danube / text/tab-separated-values / Dataset

Content Types

- Dataset
- Tags
- Format
- text/tab-separated-values
- Publisher

104 results

Search

Danube

Apply

Dataset that we are going to view

"Format" filter applied limiting the GEOSS search results to 104!



(Table 3) Carbonate, quartz, and feldspar in different grain-size intervals of River Danube draining into Black Sea

Global Earth Observation System of Systems (GEOSS)

data



Danube river, Ceatal Izmail, month of max and min river discharge, 1921-1985

Global Earth Observation System of Systems (GEOSS)

data



Danube river, Ceatal Izmail, monthly discharge, years of min and max

Global Earth Observation System of Systems (GEOSS)

data




Regional Data Hub

Home Groups Geocradle Stakeholder Database Datasets Log in Register

Home / Datasets / (Table 3) Carbonate, quartz, and feldspar in different grain-size intervals of River Danube draining into Black Sea

View Revisions




Global Earth Observation System of Systems (GEOSS)

A central part of GEO's Mission is to build the Global Earth Observation System of Systems (GEOSS). GEOSS is a set of coordinated, independent Earth observation, information and processing systems...


(Table 3) Carbonate, quartz, and feldspar in different grain-size intervals of River Danube draining into Black Sea

Data and Resources

 [http_resource_id](#) [Go to resource](#)

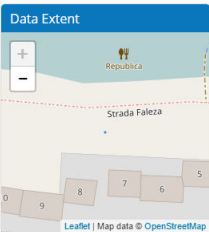
[Danube Delta](#) [Danube Delta Coast](#) [SESAME](#) [Southern European Seas: Assessing and Modelling Ecosystem Changes](#)

Dataset Info

 These fields are compatible with DCAT, an RDF vocabulary designed to facilitate interoperability between data catalogs published on the Web.

| Field | Value |
|---|--|
| Publisher | Global Earth Observation System of Systems (GEOSS) |
| Modified Date | 1970-01-01 |
| Release Date | 1970-01-01 |
| Identifier | de.pangaea.dataset400773 |
| Spatial / Geographical Coverage Area | POLYGON ((28.8 45.18, 28.8 45.18, 28.8 45.18, 28.8 45.18, 28.8 45.18)) |

Data Extent



Leaflet | Map data © OpenStreetMap

License

License not specified

Other Access

The information on this page (the dataset metadata) is also available in these formats.

[JSON](#) [RDF](#)

via the DKAN API

Social

[Twitter](#)

[LinkedIn](#)

[Reddit](#)

[Google+](#)

[Facebook](#)

Dataset's Title

Dataset's Links to its Resources

Dataset's tags (Provide links that initiate searches with these tags)

Dataset's Additional Information

Dataset's Group widget (Provides link to other datasets of the same group)

Dataset's Data Extent widget which provides geographical information about the dataset

Dataset's License widget

Other Access widget (Provides JSON & RDF view of the Dataset)

Social widget (The user can instantly share the dataset through various social media platforms)

Full Page View of the GEOSS Dataset



Regional Data Hub: Israel



Geocradle

Home Groups **Datasets** News Log in Register

Home / israel / Dataset

Content Types ^

Dataset x

Tags v

Format v

Publisher ^

Global Earth Observation
System of Systems (GEOSS)
(14319)

Related Portals and Sites (3)

Author v

License v

Datasets

14322 results

Search

israel

Apply



Israel Meteorological Service

Related Portals and Sites

The Government Data and Services Portal contains a variety of meteorological data (temperature, relative humidity, pressure, precipitation, wind, etc.) from measurement stations operating throughout the country at different

Attached Resources: 1



Envista - Air Resources Manager

Related Portals and Sites

The portal offers free access at Meteorological and Environmental data, and enables free downloads but, it is operated by the government and it is available only in Hebrew.

Attached Resources: 1



Solar Med Atlas


Related Portals and Sites

The "Solar Atlas for the Mediterranean" is a portal for global horizontal and direct normal irradiance data for the southern and eastern Mediterranean region. The project will bring high resolution (1km), long term coverage (20 years)

Attached Resources: 2



Regional Data Hub: Israel

 # Geocradle

Home Groups Datasets News Log in Register


[Home](#) / [israel](#) / [Related Portals and Sites](#) / Dataset

Content Types ^
Dataset x
Tags v
Format v
Publisher ^
Related Portals and Sites x
Author v
License v

Datasets

3 results

Search
israel Apply




Israel Meteorological Service

Related Portals and Sites

The Government Data and Services Portal contains a variety of meteorological data (temperature, relative humidity, pressure, precipitation, wind, etc.) from measurement stations operating throughout the country at different

Attached Resources: 1




Envista - Air Resources Manager

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Attached Resources: 1



Solar Med Atlas

Related Portals and Sites

The "Solar Atlas for the Mediterranean" is a portal for global horizontal and direct normal irradiance data for the southern and eastern Mediterranean region. The project will bring high resolution (1km), long term coverage (20 years)

Attached Resources: 2



thank you!

