



Central Asia
CLIMATE PORTAL

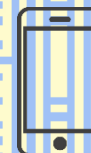
In this Issue 6:

- Create a Map in CACIP platform;
- Combine the map layers from external sources;
- Simone Maffei about sharing geographical data with CACIP;
- Survey from CAMP4ASB;
- Insights from Issue 5.

Image credit:
Ignotus the Mage: "Point of no return"
Wilkinson Eyre Architects: "Algorithm"



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about other CACIP
documents



CACIP Newsletter

ISSUE 6

May 2020

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Work with maps in GeoNode

Knowledge Hub
Layers
Maps
Forum
Events
WOCAT

1

Steps:

1. Open Map Section, and explore available maps.
2. Sign in or Register

Central Asia CLIMATE PORTAL Forum

English Search Register Sign in

Explore Maps

Create a New Map

Selected Maps

Add maps through the "checkboxes".

Filters Clear

TEXT Search by text

KEYWORDS

TOPIC

DATE

REGIONS

EXTENT

CLIMATE CHANGE Central Trend

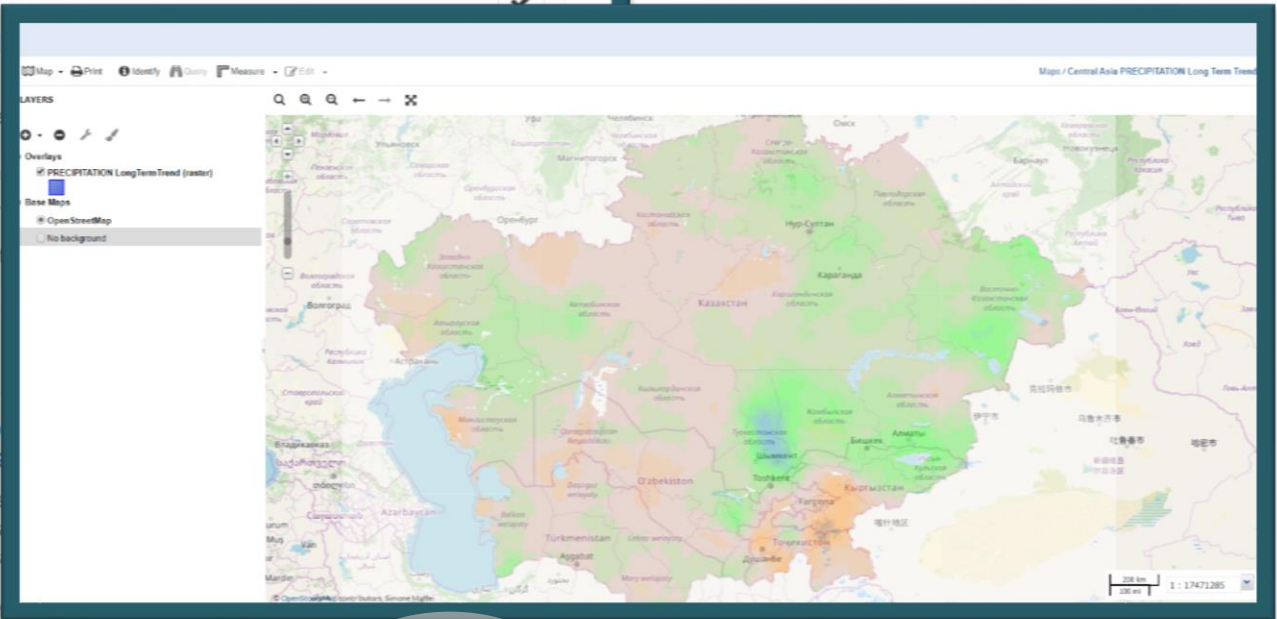
Green and blue years (the blue denote a decrease is more heavy).

Simone Maf View Map

CLIMATE CHANGE Trend of Central Asia

The map shows precipitation variation "usual/historic".

Simone Maf View Map



Register

Sign in

2

Central Asia CLIMATE PORTAL Forum

English Search Register Sign in

Explore Layers

Upload Layers

Selected Layers

Add layers through the "checkboxes".

Create a Map

Filters Clear

TEXT Search by text

DATASOURCES

Protected Planet 2

Fire Information for Resource Management System 30

NSIDC 18

Network FAO 4

Kyrgyzstan Disaster Risk Data Platform 159

NASA Global Imagery Browse Services for EOSDIS 312

KEYWORDS

TYPE

rasters 5

vectors 6

remotes 525

TOPIC

DATE

REGIONS

EXTENT

312 Layers found

Sea Surface Temperature (L3, Day, Annual, Thermal, 4km, v2014.0, Standard, MODIS, Terra)

Service is online No abstract provided

harvester 14 Feb 2020 0 0 0 0

Create a Map

Sea Surface Temperature (L3, Day, 8 Day, Thermal, 4km, v2014.0, Standard, MODIS, Terra)

Service is online No abstract provided

harvester 14 Feb 2020 0 0 0 0

Create a Map

Sea Surface Temperature (L3, Night, Monthly, Mid Infrared, 9km, v2014.0, Standard, MODIS, Terra)

Service is online No abstract provided

harvester 14 Feb 2020 0 0 0 0

Create a Map

Sea Surface Temperature (L3, Night, Daily, Mid Infrared, 9km, v2014.0, Standard, MODIS, Terra)

Service is online No abstract provided

harvester 14 Feb 2020 0 0 0 0

Create a Map

Sea Surface Temperature (L3, Night, Annual, Mid Infrared, 9km, v2014.0, Standard, MODIS, Terra)

Service is online No abstract provided

harvester 14 Feb 2020 0 0 0 0

Create a Map

Sign in

Username

Password

☐ Remember Me

Sign in

- Knowledge Hub
- Layers
- Maps
- Forum
- Events
- WOCAT

Create a map

3

- Steps:
3. Open Layers Section
4. Press on Create map
5. In GeoNode, choose layer source, ex. NASA Global Imagery
6. Choose layer, ex. Croplands
7. Layer is loaded.

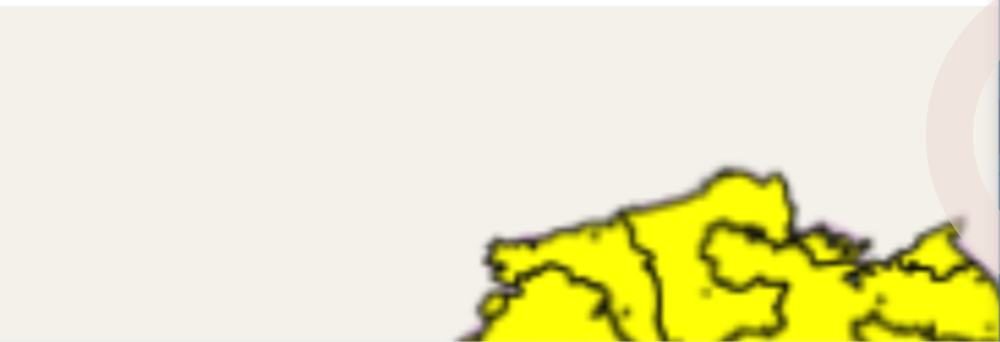
um

English ▾

Search

Mushtaree ▾

536 Layers found



Profile

Recent Activity

Inbox

Upload Document

Upload News

Upload Event

Upload Blog

Upload Layer

Create Map

Help

Logout

4

Map ▾ Print Identify Query Measure ▾ Edit ▾

Layers ▾ AVAILABLE LAYERS

View available data from:

Local Geoserver

Local Geoserver

GeoNode Local GeoServer

OpenStreetMap Layers

4

[R] Protected Planet

[R] Kyrgyzstan Disaster Ri...

[R] Fire Information for Re...

[R] Network FAO

[R] NASA Global Imagery ...

Add a New Server...

https://uihs.earthdata.nasa.gov/wms/epsg4326/best/wms.cgi

Id

Amphibian_Ric...

Amphibian_Ric...

Amphibian_Ric...

AMSR2_Cloud...

AMSR2_Cloud...

Columna Water Vapo...

AMSR2_Colum...

Surface Precipitation ...

AMSR2_Surfac...

Surface Precipitation ...

AMSR2_Surfac...

Surface Rain Rate (D...

AMSR2_Surfac...

Surface Rain Rate (Ni...

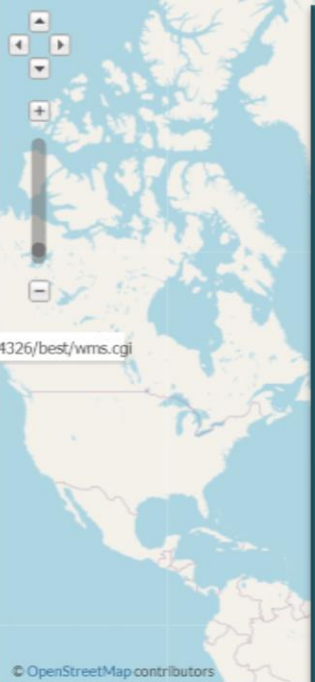
AMSR2_Surfac...

Wind Speed (Day, AM...

AMSR2_Wind...

Add layers

Done



Map ▾ Print Identify Query Measure ▾ Edit ▾

Layers ▾ AVAILABLE LAYERS

View available data from:

[R] NASA Global Imagery Br ▾

Title

Id

Croplands (Global Agr...

Agricultural_La...

Abstract:

Pastures (Global Agri...

Agricultural_La...

Carbon Monoxide (L2...

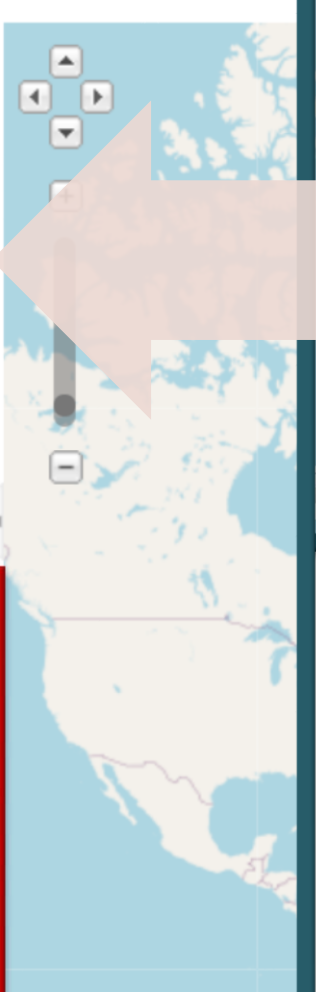
AIRS_L2_Carb...

Carbon Monoxide (L2...

AIRS_L2_Carb...

Cloud Top Height (L2...

AIRS_L2_Clou...



Map ▾ Print Identify Query Measure ▾ Edit ▾

Layers

Overlays

Croplands (Global Agricultural Lands, 2000)

Croplands Land Cover

< 10

20

30

40

50

60

70

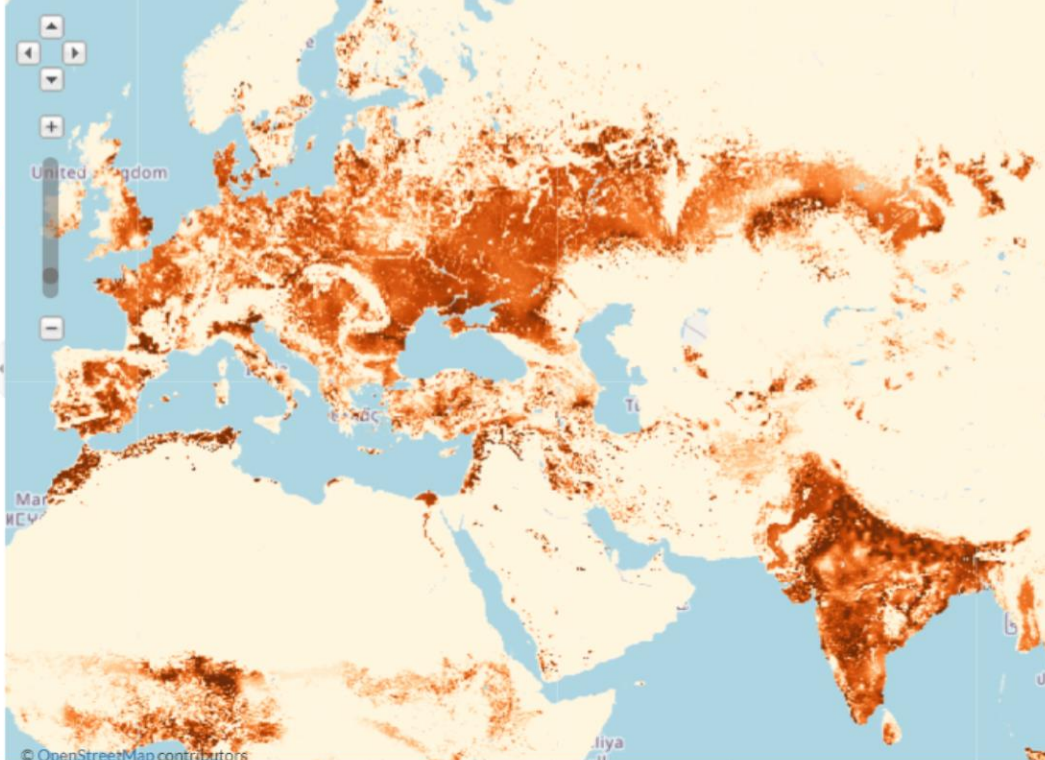
%

ne_10m_populated_places

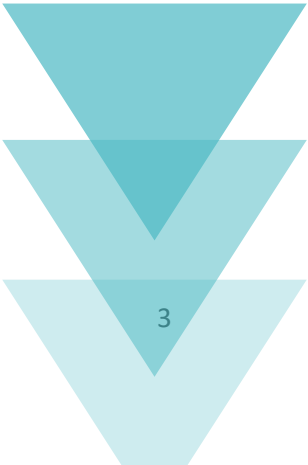
Base Maps

OpenStreetMap

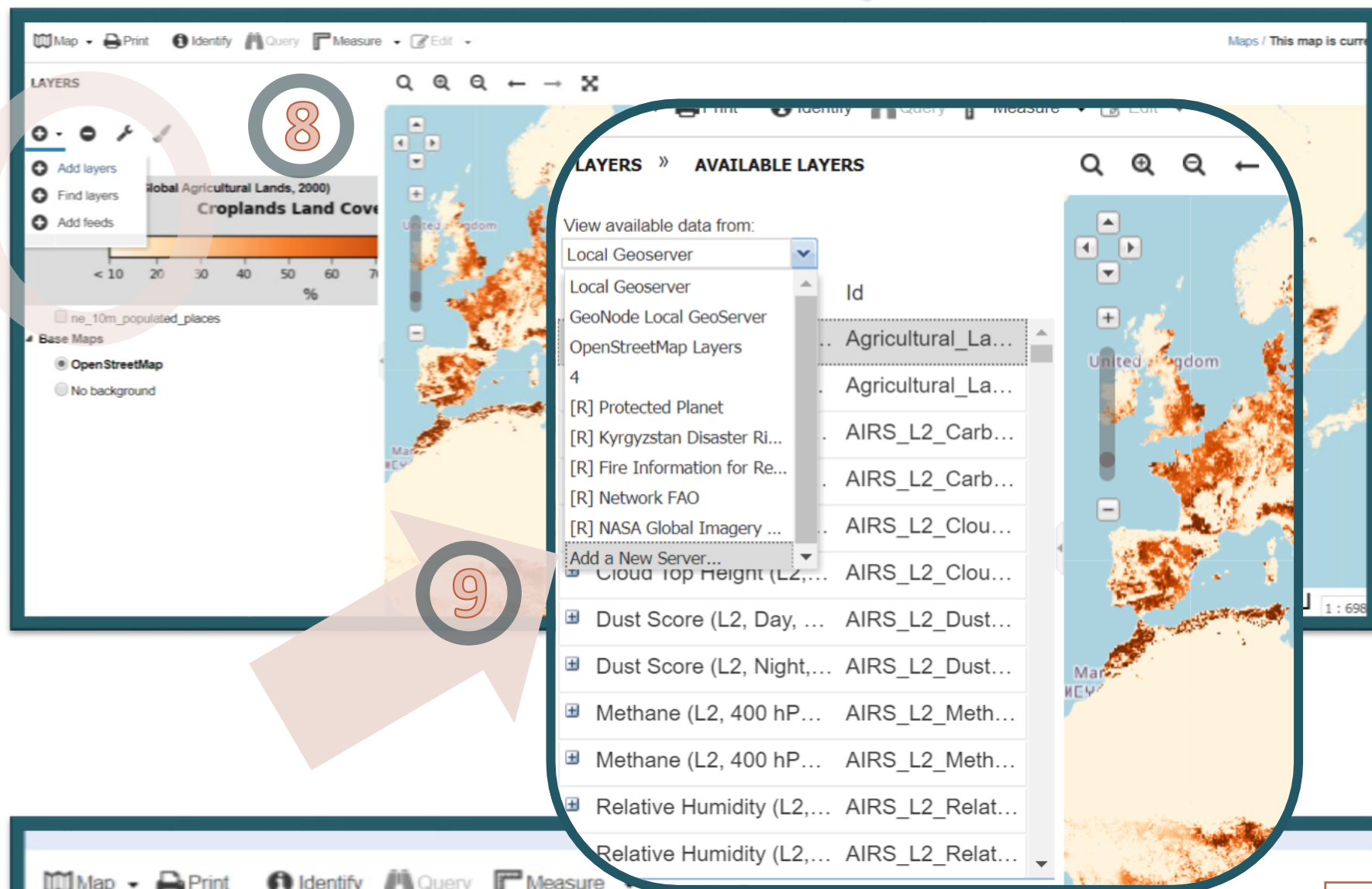
No background



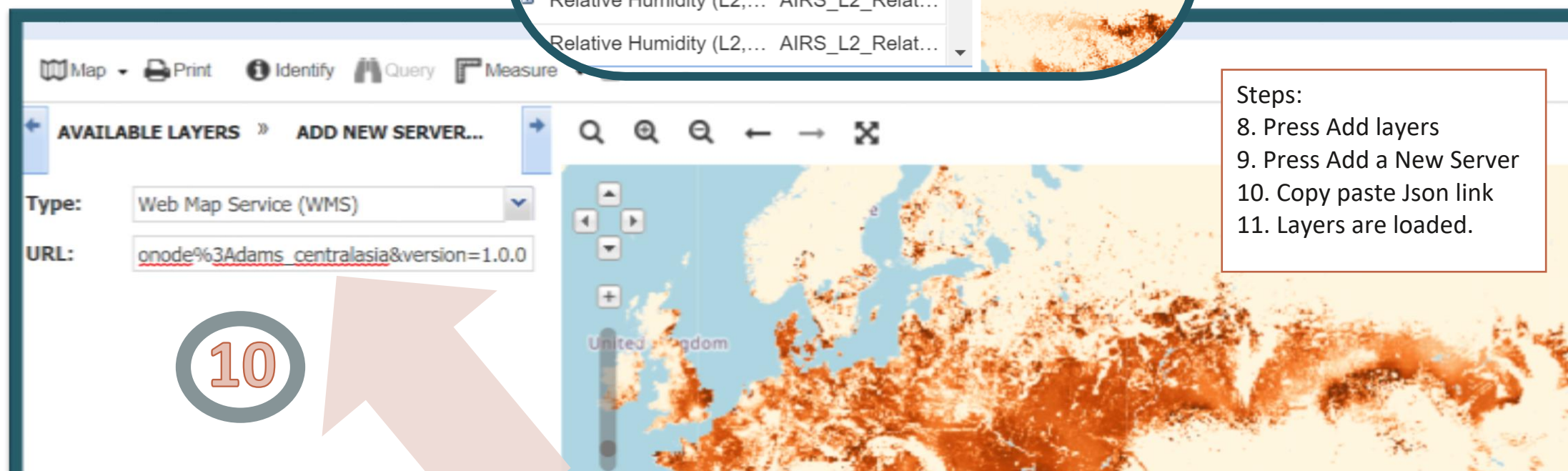
7



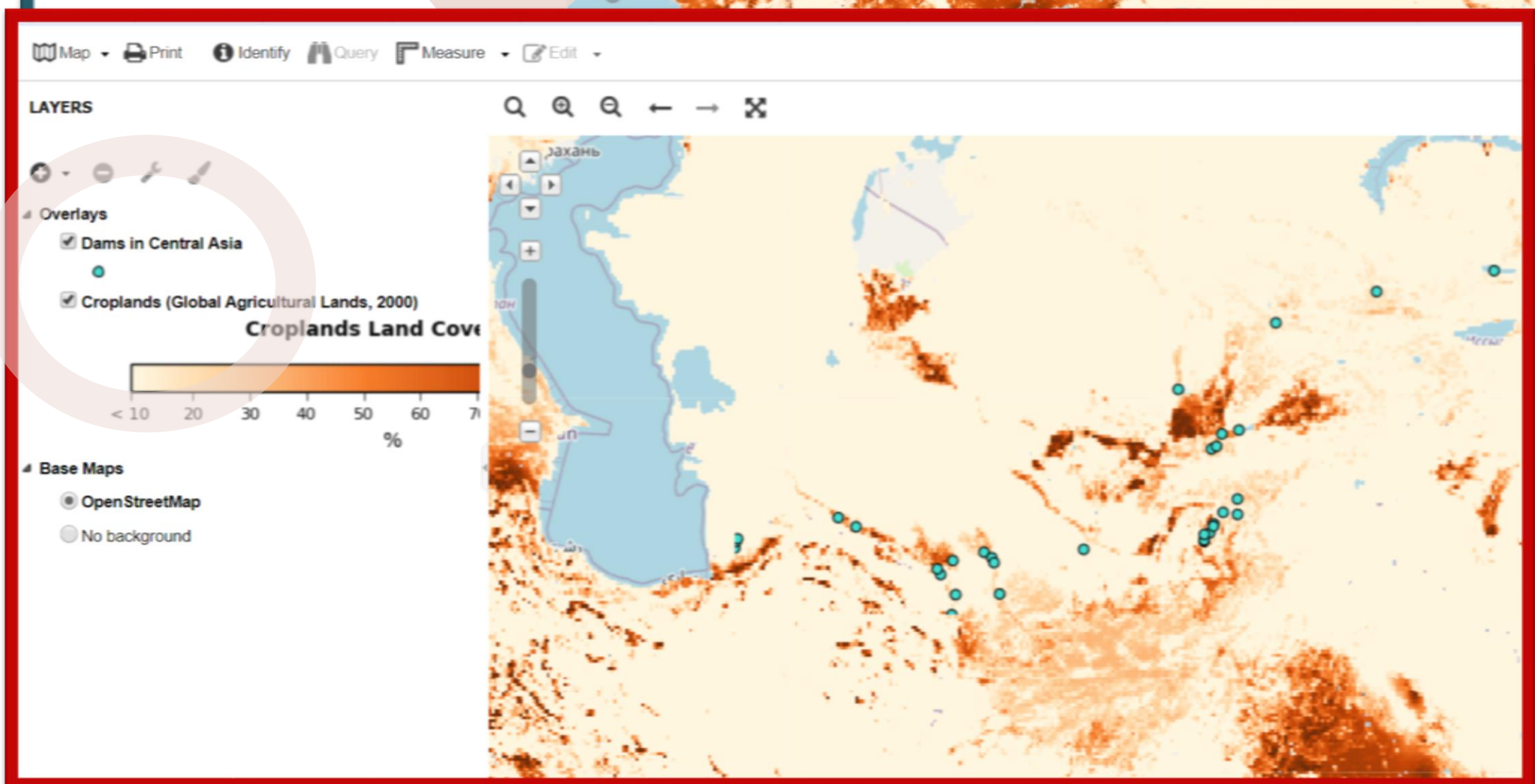
Add layer from New Server



You can add map layers from external sources. In this example the "Dams in Central Asia" layer is added from Water Information Network System (IHP-WINS) - an open-access, knowledge-sharing platform.



Steps:
8. Press Add layers
9. Press Add a New Server
10. Copy paste Json link
11. Layers are loaded.



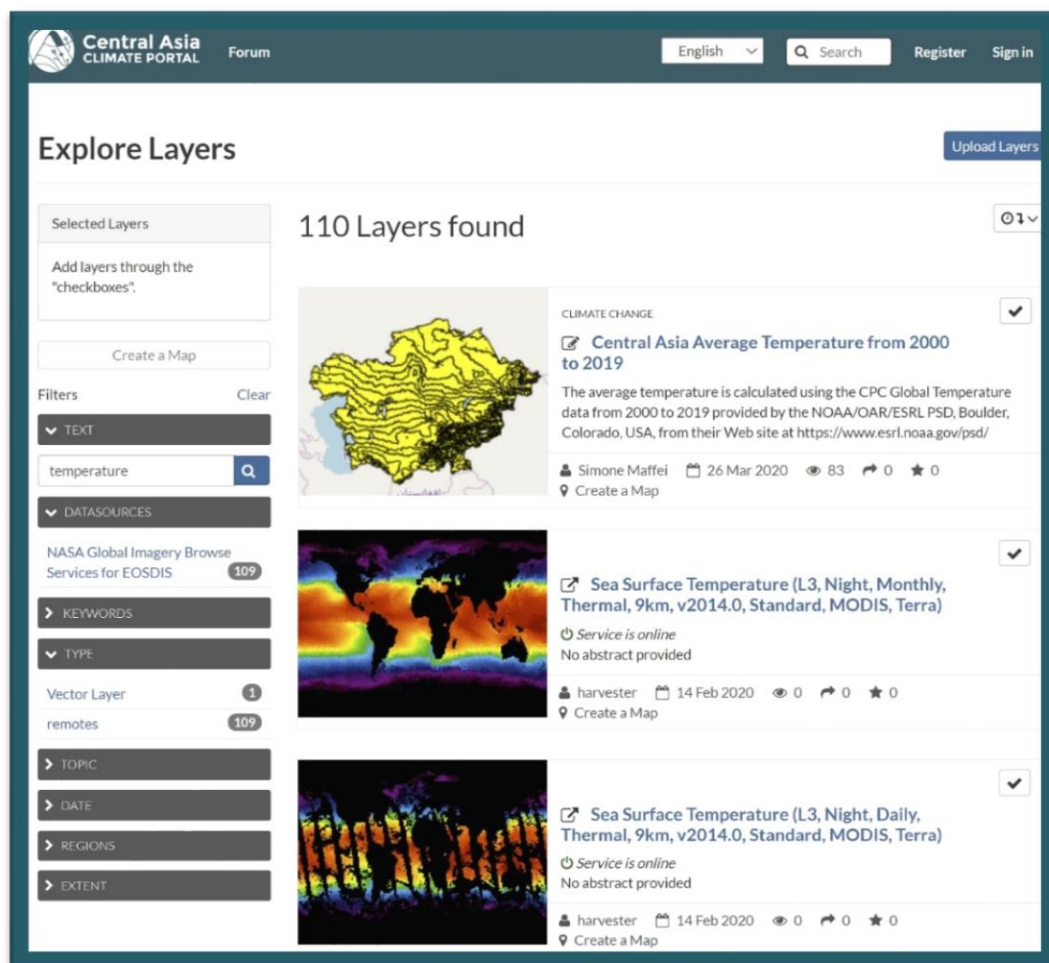
A little story: sharing geographical data with CACIP

There are numerous situations in which someone needs geographical data:

- **I need information about a specific area.** What is the population density of an area where I would like to build a new supermarket? What part of my country has an amount of precipitation suitable to growth a specific variety of wheat? Where the increasing temperature trend is more remarkable?
- **I need reference geographical units.** How can I represent as a map my tabular statistical information by district, to have a general view of the whole country?
- **I want to create a model by combining my spatial data with other geographical layers.** I would like to make a model to compare the occurrence of a crop disease with the climatic hazards, but I have no climate information? I need the roads network to plan a study of the availability of phone connectivity for the travelers, where I can find a trusted roads dataset?

Good day, I am
Simone Maffei,
from CACIP
Technical team

Today I will tell a little story
about sharing geographical
data with CACIP.



I can be a public manager, I can be a farmer, I can be a researcher: in any case there is a big probability I need geographical data for my activities. If this is the case, usually, I open an Internet search engine, I type some keywords, I launch the search, but very often the result is not straight what I need.

First limit: the list of matching items includes documents, images, papers, news, maps. But I want a geographical layer! How nice it would be to have a search engine that lists me only geographical layers!

In the CACIP platform there is a tool to search “only” geographical layers.

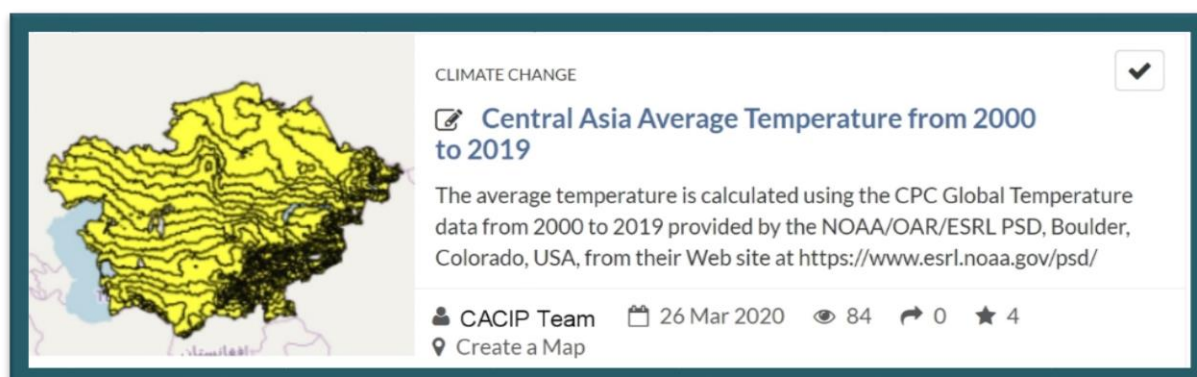
Second limit: what a pity, I have found the data I was looking for, but they do not refer to Central Asia!

The CACIP platform focus on products covering the Central Asia, then the data I found are useful to me!

Third limit: can I trust these data?

In the CACIP platform, the data source is always visible. Well, data come from the HydroMet of my country, I can trust them! The item has been rated by other users with an high score, I can trust it!

Wow, I got it! I have found data I needed and I was able to build a new map useful for all farmers. CACIP was very useful, I could find the necessary information, and now I want to contribute to CACIP: in this way other people will benefit of my work.



Upload Layers

In the following days I continued working with data found on CACIP, combining them with my information, creating new layers, and producing new contents. All my work is not only on my PC, but I upload all of them on CACIP too. I'm present in the list of data sources contributing to CACIP!

I get many positive ratings, and many people are using my data. I become a trusted data source!

Thanks to CACIP I have found useful information for my job, I have contributed adding new products, and I have promoted myself.



CAMP4ASB
Climate Adaptation & Mitigation
Program for Aral Sea Basin
CENTRAL ASIA

Survey CAMP4ASB

Опрос CAMP4ASB

It is no secret that the Central Asia is one of the most vulnerable regions, but still poorly involved in global processes to combat climate change. In order to solve this problem, the "Climate Change Adaptation and Mitigation Program for the Aral Sea Basin" (CAMP4ASB) had been created. The main objective of the project is to provide knowledge about climate change, demonstrate existing results, successes and lessons learned, as well as to find solutions in this area.

In the context of the global coronavirus pandemic, remote forms of work with stakeholders are becoming more and more popular. To give us a better perspective on how to better co-operate, please, please fill in a quick survey - [here](#).

It will not take you longer than 10 minutes. We will be glad to receive your suggestions.



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INVITATION TO DISCUSS POSSIBLE FORMS OF COLLABORATION DURING CORONAVIRUS PANDEMIC

ПРИГЛАШЕНИЕ К ОБСУЖДЕНИЮ ВОЗМОЖНЫХ ФОРМ РАБОТЫ В УСЛОВИЯХ КОРОНАВИРУСА

Не секрет, что регион Центральной Азии является одним из наиболее уязвимых регионов, но пока еще слабо вовлеченным в глобальные процессы по борьбе с изменением климата. Именно с целью решения данной проблемы и была создана Программа по адаптации к изменению климата и смягчению его последствий в бассейне Аральского моря (CAMP4ASB). Основными задачами проекта являются предоставление знаний об изменении климата, демонстрация уже существующих результатов, успехов и извлеченных уроков, а также поиск решений в этой области.

В условиях глобальной пандемии коронавируса все более востребованными становятся удаленные формы работы с заинтересованными сторонами. Мы будем рады услышать ваше мнение и получить ваши предложения. Сделать это вы можете, пройдя небольшой опрос - [здесь](#).

Это не займет у вас больше, чем 10 минут.

Previous issues of CACIP Newsletter



No1



No2



No3

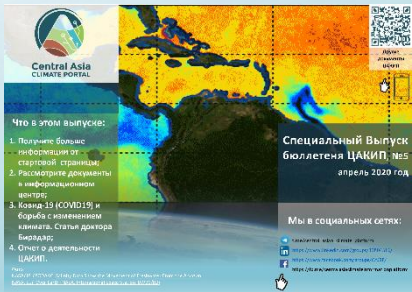
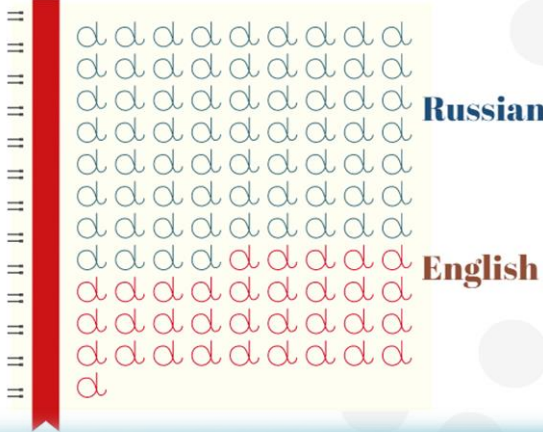


No4

Special Issue
No5



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74%
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Links to images and photos used:

1. [Pointing hand cursor](#)
2. [Ignotus the Mage, Point of no return](#)
3. [Wilkinson Eyre Architects Algorithm](#)



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