



I-CISK
HUMAN CENTRED CLIMATE SERVICES

I-CISK Newsletter

November 2023 - April 2024 / **ISSUE V**



*Innovating Climate Services
through Integrating
Scientific and Local Knowledge*

Dear colleagues and friends,

In this newsletter you will find some interesting updates on the EU-funded I-CISK project's latest activities and a series of inspiring events, which we have the pleasure to invite you to keep an eye and get involved. Feel free to share this newsletter and stay tuned for further news!

Sincerely,

The I-CISK project team

About I-CISK

Climate Services (CS) are crucial to empowering citizens, stakeholders and decision-makers in taking climate-smart decisions that are informed by a solid scientific evidence base, that contribute towards a sustainable European economy, lifestyle, environmental protection and resource use, and that are resilient to climate change and compatible with achieving climate neutrality. I-CISK's ambition to innovate how climate information is used, interpreted and acted on through a next-generation of Climate Services that follow a human centred, social and behaviourally informed approach; integrating the knowledges, needs and perceptions of citizens, decision makers and stakeholders with climate information at spatial and temporal scale relevant to them. [Read more](#)

7 Living Labs

Seven Living Labs in Europe and Africa are central to the action-research approach. These are located in climate change hotspot with specific geographical and climatic settings, where climate services are co-produced with end-users from multiple sectors to meet their climate information needs.

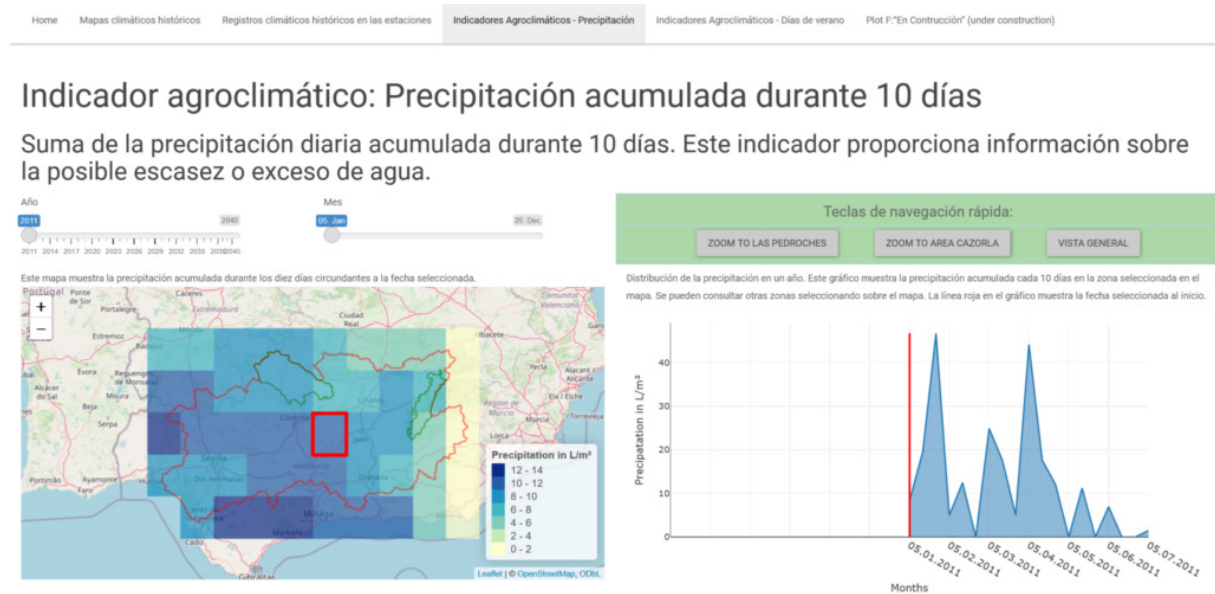


In I-CISK we take an action research approach to fast-track research to impacts by co-developing a framework for human centred climate services in and with the users of seven Living Labs in Europe and Africa. Each living lab is located in a climate change hotspot with specific geographical and climatic settings, and with a focus on key socio-economic sectors. [Read more](#)

News and Events from I-CISK

Empowering Climate Resilience: The I-CISK Project Unveiled

As members of 52°North's Spatial Data Science team, the Spanish LL delves into our methodology within one of our Living Labs situated in the region of Los Pedroches, northern Andalusia, Spain. Read more [here](#).



Celebrating Success: Faheed's Internship at 510



Faheed, an MSc student at the Institute for Geo-Information Science and Earth Observation of the University of Twente (ITC) in the Netherlands, recently completed an internship at the Netherlands Red Cross' data and digital team, 510, within the I-CISK project. Read more [here](#).

CENN hosted international experts together with the National Environmental Agency (NEA)



From April 3-8, 2024, CENN and the NEA hosted representatives of the Delft Institute of Water Education (IHE Delft). The purpose of the visit was to assess the progress and plan the next steps to develop a drought and seasonal streamflow prediction system in the Alazani-Iori River basins. Read more [here](#).

Second plenary workshop of the Andalucía – Los Pedroches Living Lab: Adapting to climate change



On March 7, 2024, the second plenary workshop of the Andalusia – Los Pedroches Living Lab took place at the CICAP headquarters in Pozoblanco, organized within the framework of the I-CISK Project, with the title “Advances in the development of Climate services and assessment of adaptation strategies to climate change”. Read more [here](#).

Participation of the Los Pedroches Rural Development Group in a Horizon Europe project



Grupo Desarrollo Rural
Los Pedroches
A D R O C H E S

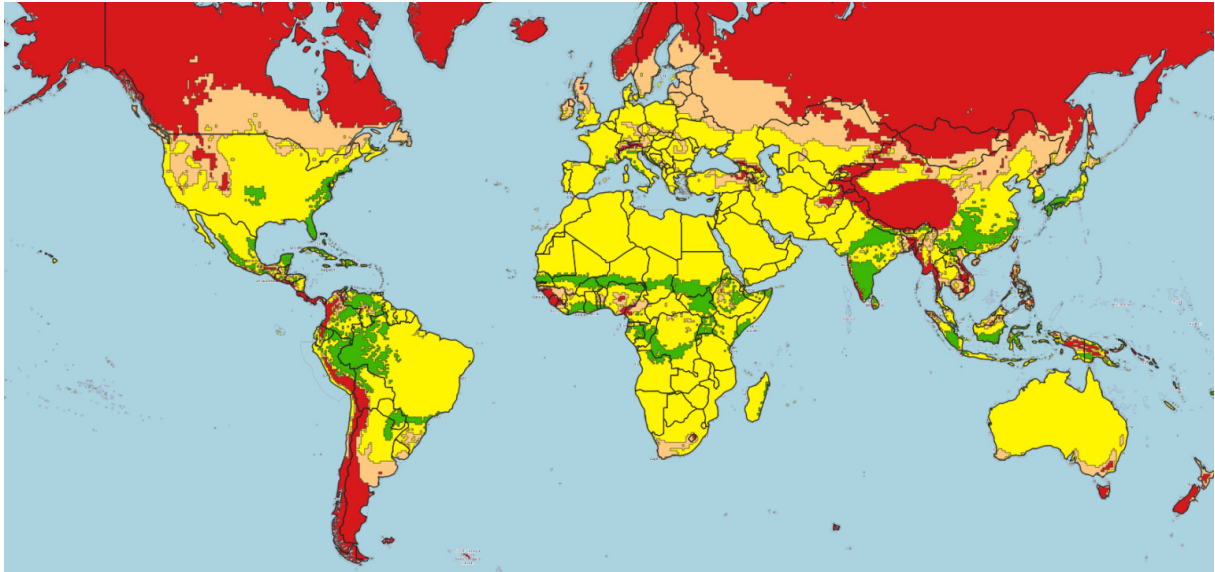
We are happy to inform you that the Los Pedroches Rural Development Group, a member of the Spanish Living Lab, will be part of the MONALISA project – 101157867 – GAP-101157867, recently funded in a competitive Horizon Europe call. Invited by CREAM, Adroches successfully got involved as a partner in the project consortium and will engage as a local actor for one of the study areas. Read more [here](#).

The countryside is experiencing a second spring with rains that have not yet reached the aquifer



The week of November 20, Nikoletta Roper, from the UCM I-CISK team, visited the Los Pedroches region again for the second campaign to measure the groundwater level in the Los Pedroches aquifer. Without drinking water in the taps since April, the situation in the reservoirs and aquifers of the Region has not changed substantially since the last visit of the UCM team in April. The German public television ZDF has echoed the problems that the region is going through in a report filmed precisely during the field days. Read more [here](#).

Visualizing the Impact of Droughts on Crop Health and Production



Climate change is increasing the likelihood of natural disasters and their severe environmental and social consequences worldwide. This is why preparedness for such events is becoming increasingly important. The objective of the Open Geospatial Consortium's Disaster Pilot 2023 [1] was to provide first responders and decision-makers with tools to enable them to better prepare for and respond to hazardous situations. The availability of decision-ready data was addressed as a key element of preparedness. Read more [here](#).

Understanding the drought management of livestock and olive growers in the Los Pedroches region



On November 9 and 10, 2023, researchers from CREAM and the Complutense University of Madrid who participate in the I-CISK project in the Los Pedroches Region (Córdoba), were in the Region to work with members of the COVAP and OLIPE cooperatives. The objective of the work was to characterize and understand the drought risk management and climate change adaptation strategies of pasture ranchers, dairy cattle ranchers, olive farmers, and the cooperatives themselves. Read more [here](#).

I-CISK resources

Integrating scientific and local knowledge to tackle climate challenges now and in the future

The European Green Deal seeks to support efforts by citizens, governments and businesses to adapt to change, while working towards a carbon neutral EU by 2050. As part of the Research and Innovation actions that underpin the Green Deal, the innovating climate services through Integrating Scientific and local Knowledge project, I-CISK in short, aims to bridge this gap by innovating how Climate Services are developed, through co-producing these with local stakeholders and citizens. For example, forecasting drought is a climate service that is useful to water dependent sectors such as tourism, but also to agriculture, though each of these sectors may be impacted differently, and the sector specific needs and knowledges will influence how climate information is used, interpreted and acted on. [Read more](#)

Partners and contact information

I-CISK brings together a highly specialised and multi-disciplinary team of experts from 13 consortium members: IHE Delft, The Netherlands (coordinator); European Centre for Medium Range Weather Forecasting (ECMWF), United Kingdom; Sveriges Meteorologiska och Hydrologiska Institut (SMHI), Sweden; Free University Amsterdam; The Netherlands; CREAM, Spain; Uppsala University, Sweden; Red Cross 510, The Netherlands; GECO-Sistema, Italy; Caucasus Environmental NGO Network (CENN), Georgia, Universidad Complutense de Madrid, Spain; 52°North Spatial Information Research, Germany; IDEAS-Science, Hungary; and EMVIS, Greece.

For more information and questions, please send an email to Dr. Micha Werner, Project Coordinator (m.werner@unihe.org) and Dr. Ilyas Masih, Deputy Project Coordinator (i.masih@un-ihe.org).

The I-CISK project team sent this information

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