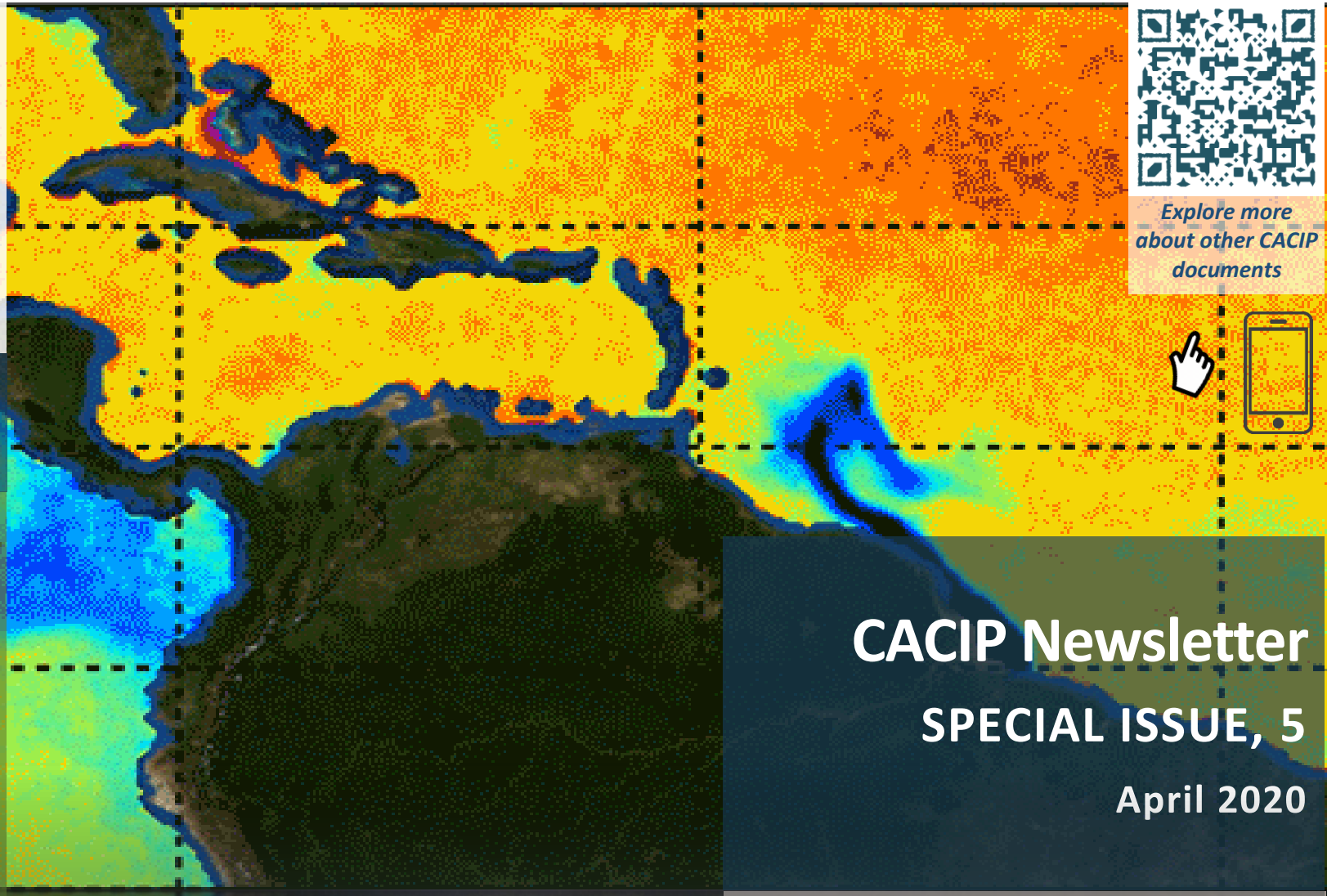
Central Asia
CLIMATE PORTAL



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CACIP Newsletter

SPECIAL ISSUE, 5

April 2020

In this Issue 5:

- Get the most from Home page;
- Explore Knowledge Hub;
- COVID19 and climate action. An opinion piece from Dr Biradar;
- CACIP activities reported.

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Image credit:
NASA/JPL/PODAAC, Salinity Data Show the Movement of Freshwater From the Amazon
NASA, Sun Over Earth (NASA, International Space Station, 07/21/03)

We launched the Platform

Click to open

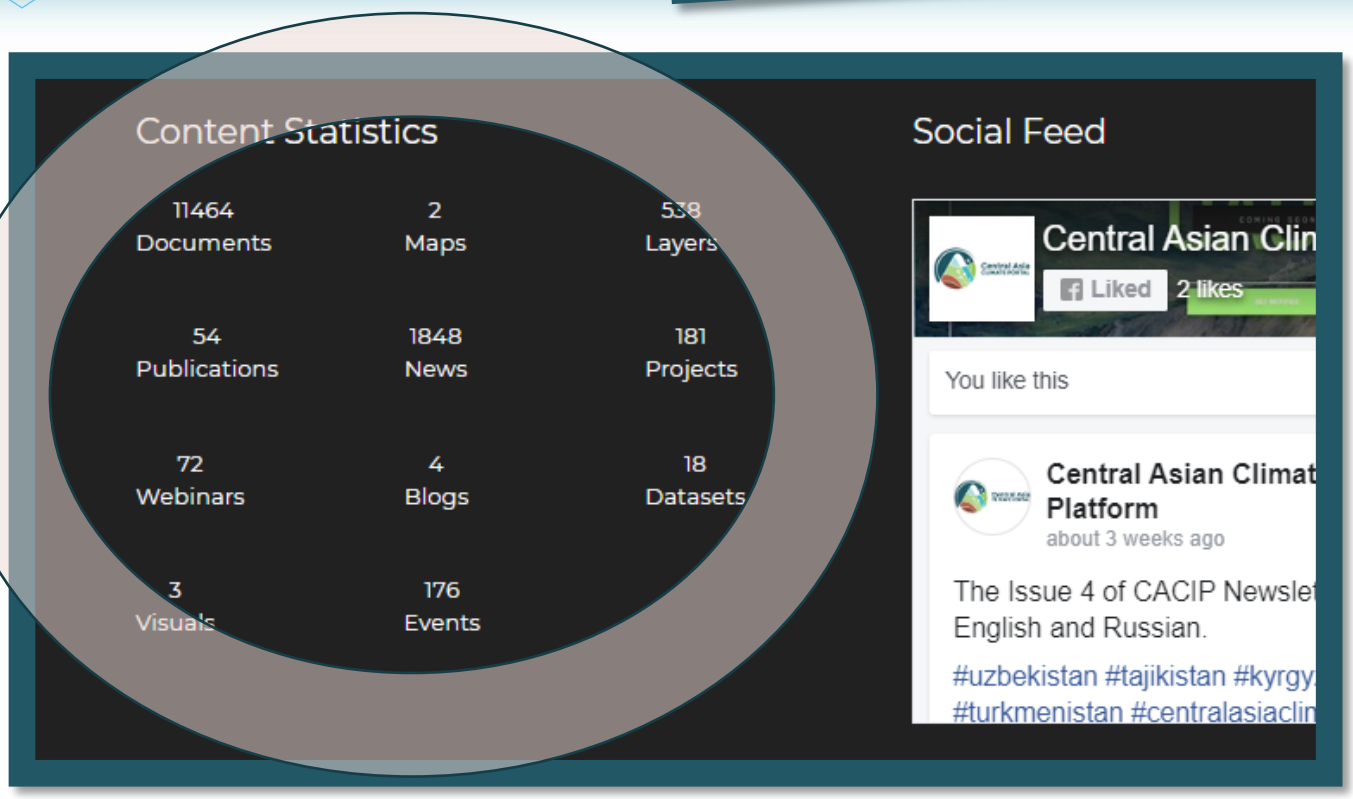
We reached one of our main project goals.

We launched the Platform, and sharing with you an overview of some features.

Central Asian Climate Information Platform - Newsletter Issue 5. April 2020

Home page:

You can find weather updates from five capital cities.



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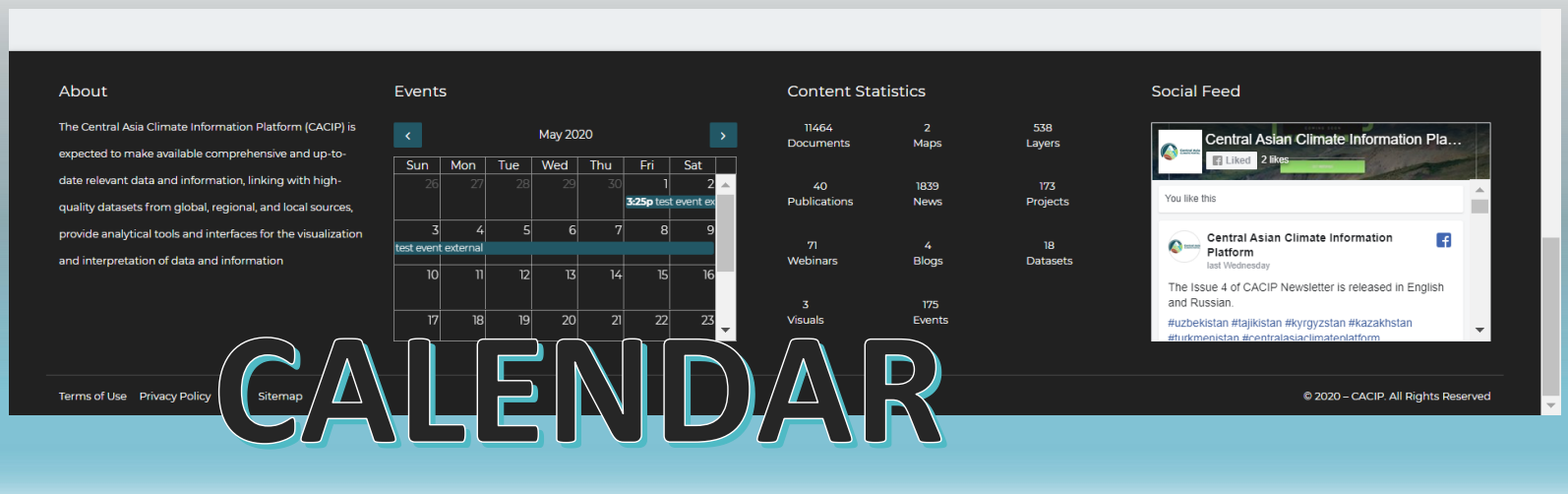

CALENDAR

Instant updates from CACIP FB page

Knowledge Hub:

Explore documents in Knowledge Hub

Central Asia CLIMATE PORTAL

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3

TOPIC

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REGIONS

CLIMATE CHANGE

Temperature Changes in Central Asia from 1979 to 2011 Based on Multiple Datasets

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The arid and semiarid region in central Asia is sensitive and vulnerable to climate variations. However, the sparse and highly unevenly distributed meteorological stations in the region provide limited data for understanding of the region's climate variations. In this study, the near-surface air tem...

admin 31 Mar 2020 5 0 0

4

5

CLIMATE CHANGE

Variability of the Cold Season Climate in Central Asia. Part I: Weather Types and Their Tropical and Extratropical Drivers

To understand the atmospheric mechanisms resulting in a pronounced cold season climate variability in central Asia, an objective weather-type classification is conducted, utilizing a k-means-based clustering approach applied to 500-hPa geopotential height (GPH) fields. Eight weather types (WT) are i...

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Temperature Changes in Central Asia from 1979 to 2011 Based on Multiple Datasets

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Abstract	The arid and semiarid region in central Asia is sensitive and vulnerable to climate variations. However, the sparse and highly unevenly distributed meteorological stations in the region provide limited data for understanding of the region's climate variations. In this study, the near-surface air temperature change in central Asia from 1979 to 2011 was examined using observations from 81 meteorological stations, three local observation validated reanalysis datasets of relatively high spatia...
Publication Date	March 31, 2020, 5:29 p.m.
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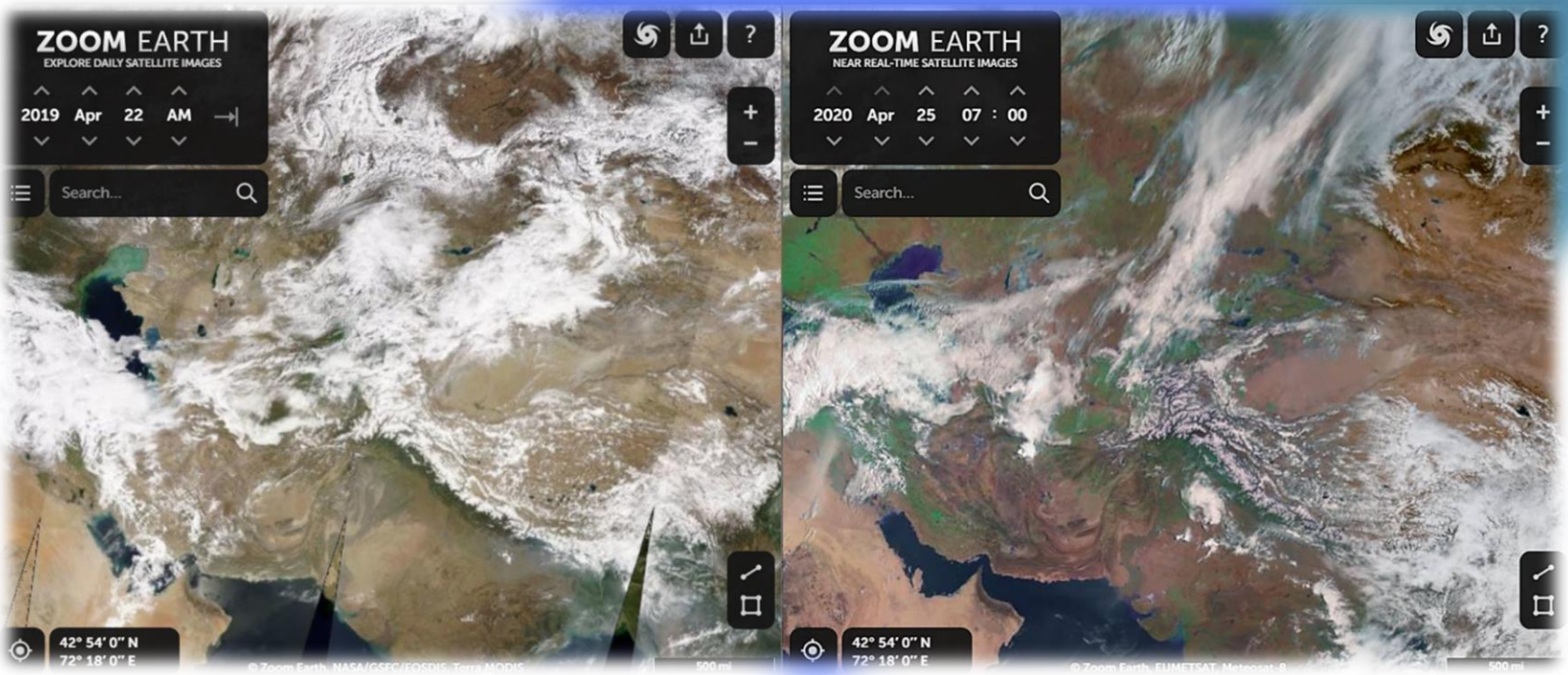
An opinion piece:

COVID-19 and climate action

The theme for Earth Day 2020 is climate action. The enormous challenge, but also the vast opportunities of action on climate change have distinguished the issue as the most pressing topic for the 50th anniversary. How we reshape our mindsets and way of living with sustainable land management is the first step towards climate action for better future.

Look at the Central Asia region from the space on this Earth Day, April 22, 2020 and same day last year 2019. It clearly shows cleaner atmosphere and much greener landscapes observed from the space due to less aerosol density! Is that telling something for us to take action for better Earth for future generations. Do CACIP user community wish to have such real time earth observation features in the CACIP portal in future?



Dr. Chandra Shekhar Biradar is a Principal Scientist and Head of the Geoinformatics and Data Management Units at ICARDA with focus on GeoAgro, Big Data and ICTs for complex system research and resilient agroecosystems.

Before joining ICARDA in 2013, he was professor and researcher at the University of Oklahoma in Norman (USA), where he worked on a number of federally-funded projects. Biradar received his Ph.D. in remote sensing and environmental sciences from the University of Pune, India, and post-doctoral fellowship at the Institute for the Study of Earth, Ocean and Space at the University of New Hampshire, USA. He also earned a master's degree in genetic engineering from the University of Horticulture and Forestry in Solan, India. Dr. Biradar has authored over 200 publications, including 125+ peer reviewed journal articles, 25 books/book chapters.

Brief on key activities for the period of mid-March – mid April 2020:

1. MOU draft finalized and conveyed for review for CAREC.
2. Propositions to form CACIP consortium drafted and conveyed to CAREC for review.
3. Budget estimates for technical sustainability of CACIP has been developed in consultation with CAREC IT specialist, and provided to CAREC.
4. ToR for CACIP specialists are finalized in consultation with CAREC.
5. The meeting protocols of technical visits shared with stakeholders and Action plan is drafted.
6. National brainstorming on targeting Tajikistan farmers' access to CACIP products held in Dushanbe 11 February 2020. The report is finalized and shared with public.
7. Consultants are hired in Tajikistan and Uzbekistan.
8. CACIP Overview and FAQ documents are developed and shared with public.
9. Newsletter Issues are shared with public.
10. CACIP full version is released in testing mode.
11. Server analysis has been performed to estimate final capacity needed for CACIP.
12. Capacity development materials on the use of CACIP are drafted.
13. Initiated discussion with partner organizations.

Technical developments launched and testing:

1. GeoNode products
2. Metadata Harvester
3. Search function
4. Forum
5. Knowledge Hub
6. Static Page: About Us
7. Static Page: Contact
8. News
9. Blogs
10. Calendar

№1

№2

№3

№4

Previous Issues of Newsletter

AUTHOR:
Kanoatkhon Umurzokova

CO-AUTHORS:
Chandrashekhar Biradar, Akmal Akramkhanov, Enrico Bonaiuti

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