

Approved by:

General Director

«NURIS» PI

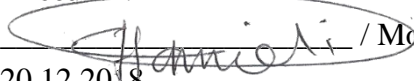
_____ /A.Zhakupov

_____ 2018

Report

**on the “Satellite enhanced snowmelt flood and drought predictions for Kabul River basin
with surface and groundwater modeling” project**

Executor:

 / Mohammad Daud Hamidi
20.12.2018

Principal Investigator:

_____ / Jay Sagin

20.12.2018

Name of service

Working with Website/ Web portal

Description (technical specification) services

Periodically update, revise, share new updates on the project progress in the website, cooperating in uploading data to web-portal, upload/update the news, events and publication sections of the webpage as received results from the contributors (<https://www.ckrb.org/>)

Result of service provided

Report, updated <https://www.ckrb.org> web-page

Partnerships for Enhanced Engagement in Research (PEER), Cycle 5:
“Satellite enhanced snow-melt flood and drought predictions for the Kabul River basin with
surface and groundwater modeling”

Service Delivery Report:

Working with Website/ Web portal
(<https://www.ckrb.org>)

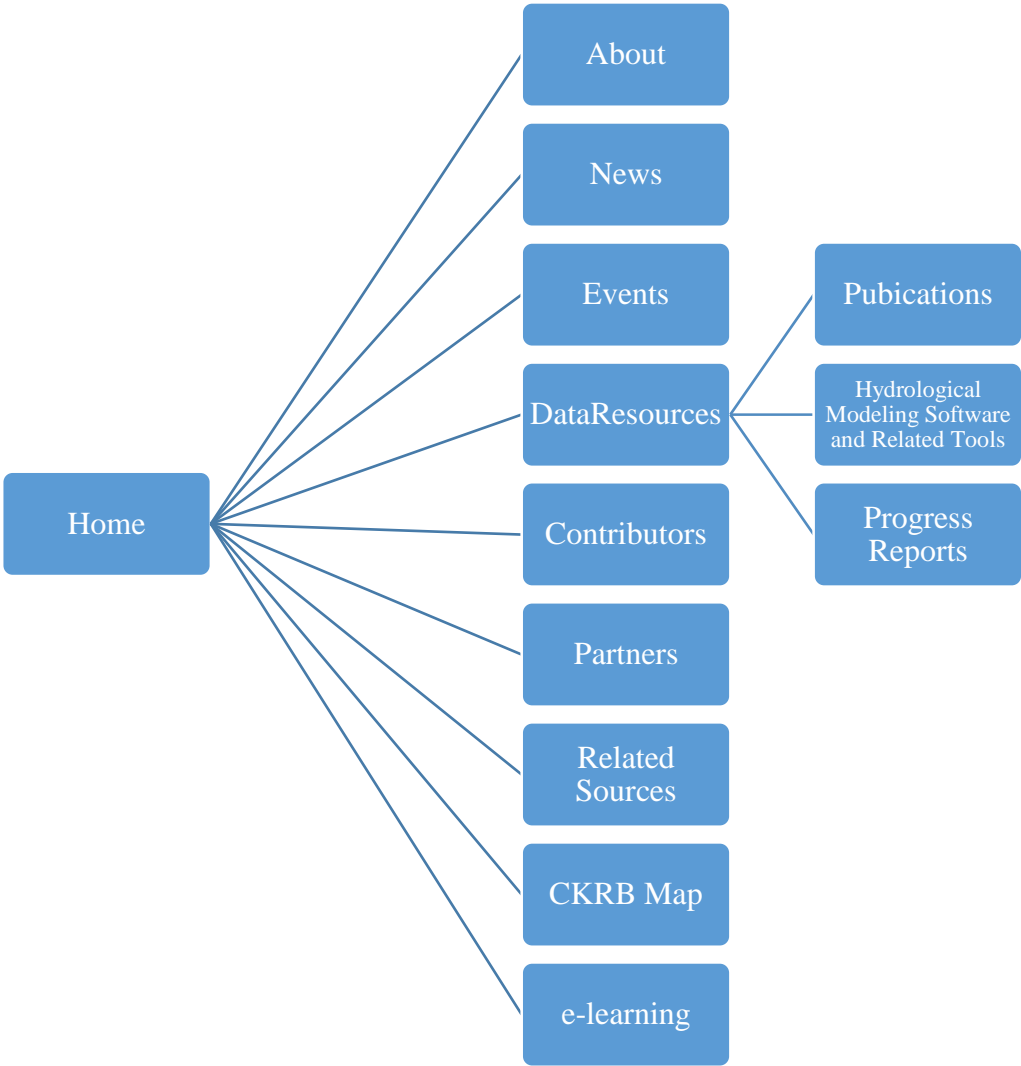
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The main goal of the task is to periodically update, revise and develop new contents on the project progress in the website (<https://www.ckrb.org/>), cooperating in uploading data to web-portal, upload/update the news, events and publication sections of the webpage by receiving results from the contributors. Certain activities are done during the period of delivering the task.

Based on the needs of the project the website was re-structured:



- **Home:**

The page includes general info on the project and its objectives.

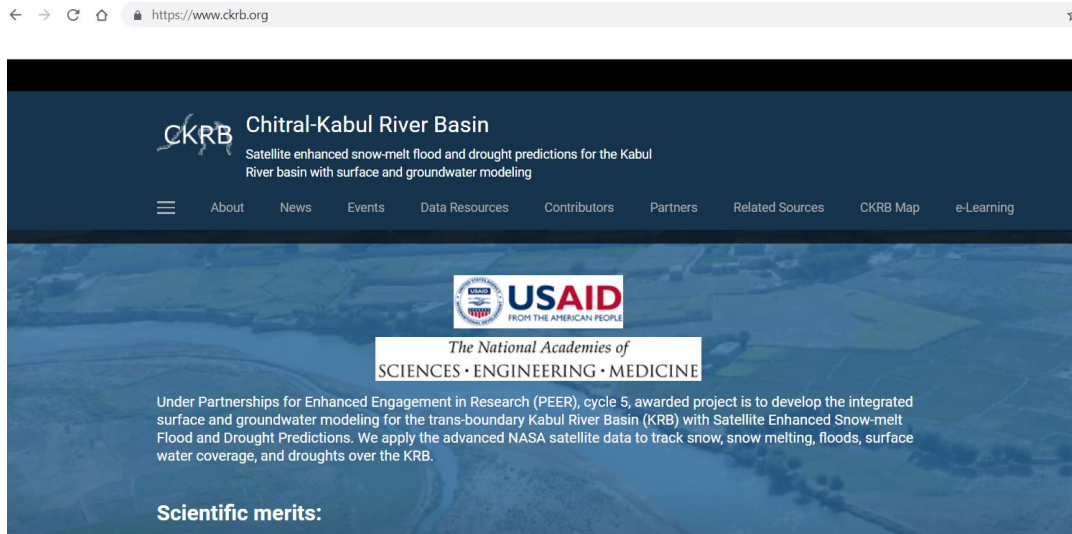
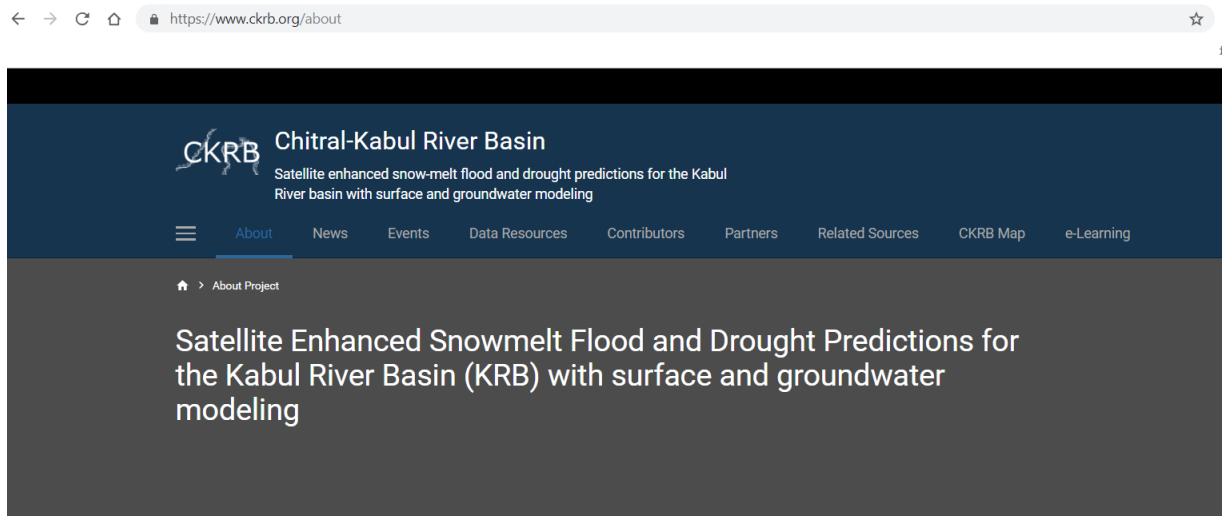


Figure 1: view of home page.

- **About:**

This section has the details of the project, details of PIs and Co-PIs. In this page the CVs of PI and CO-PIs are available to download.



Under Partnerships for Enhanced Engagement in Research (PEER), cycle 5, awarded project is to develop the integrated surface and groundwater modeling for the Kabul River Basin (KRB) with Satellite Enhanced Snowmelt Flood and Drought Predictions. We apply the advanced NASA satellite data to track snow, snow melting, flood

Figure 2: view of About page.

- **News:**

The sections included regular updates on the project will be published.

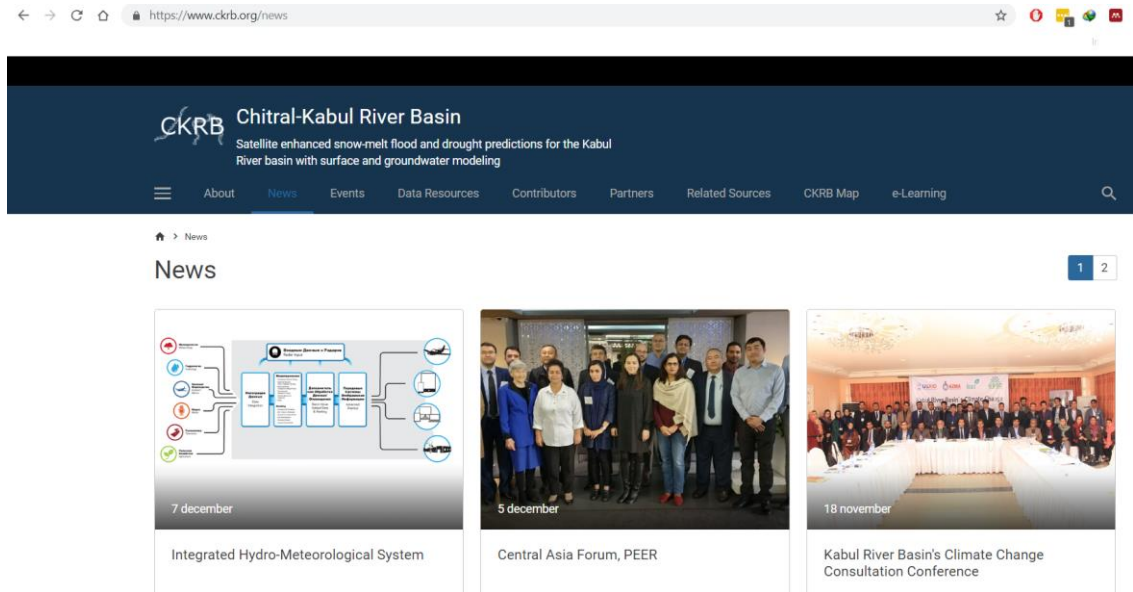


Figure 3: view of News page.

- **Events:**

The section covers the full details on event/joint events organized under the project.

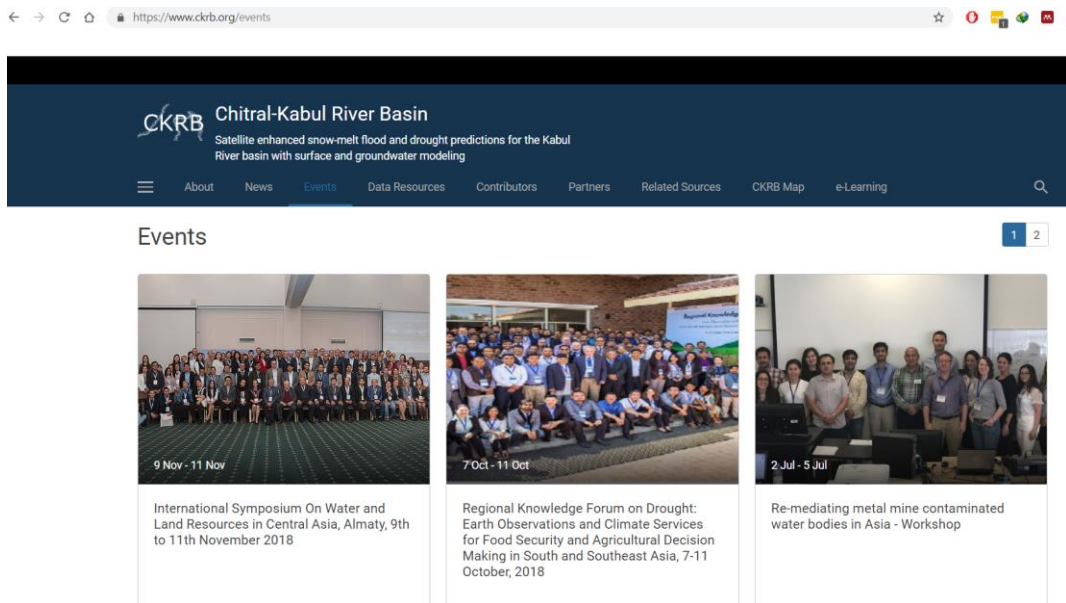


Figure 4: view of Events page.

- **Data Resources:**

This section is re-structured completely, 3 sub-sections:

- Publications
- Hydrological Modeling Software and Related Tools
- Progress reports

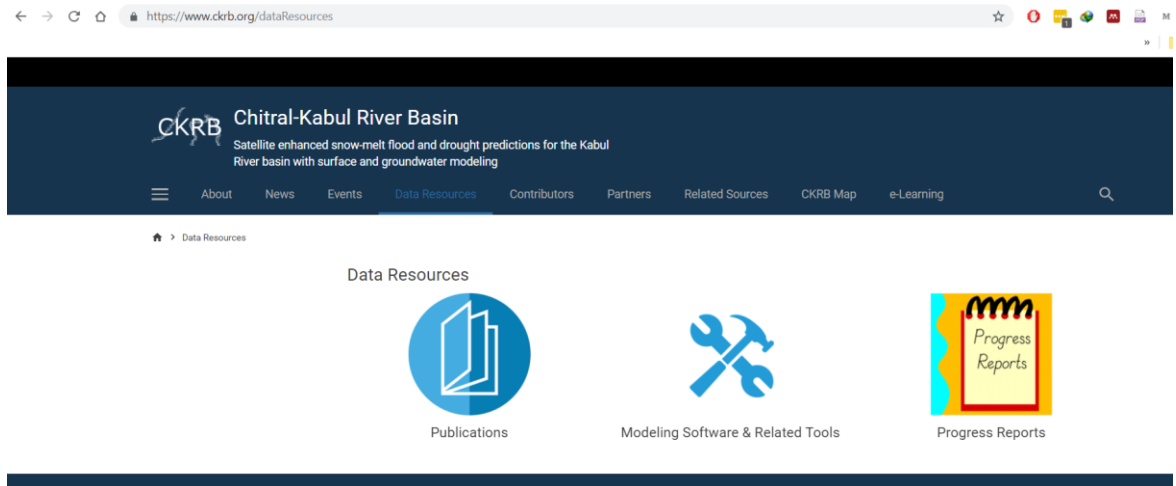
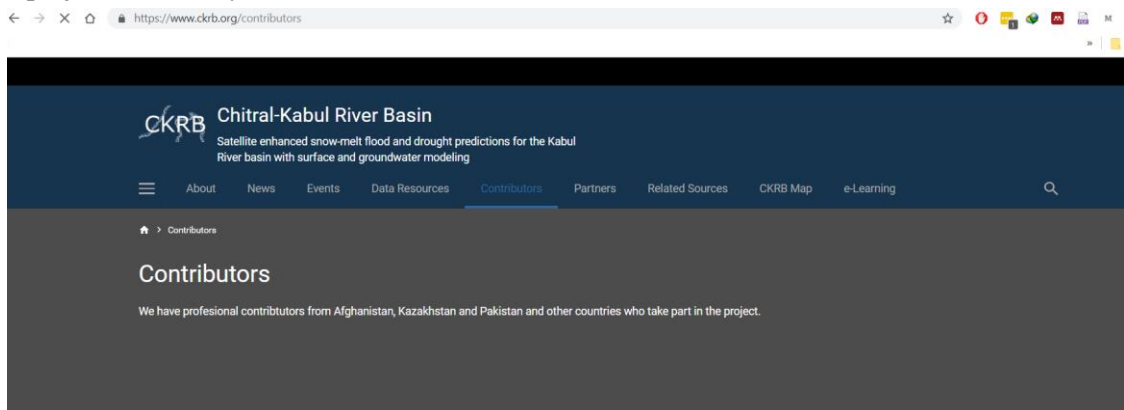


Figure 5: view of Date Resources page.

- **Contributors:**

Since the project have many contributors, this section will cover the short bio of contributor.



* The list is arranged based on ascending alphabet order.



Abdulhalim Zaryab

Afghanistan

Abdulhalim Zaryab received his MSc in Hydrogeology and Engineering Geology in 2016 from Kazakh National Research Technical University after K.I. Satpayev, Kazakhstan. He currently works as assistant professor at



Alamgeer Hussain

Pakistan

Mr. Alamgeer received his M.phil in remote sensing and GIS from Arid Agriculture University, Rawalpindi and M.Sc.in GIS from University of Punjab Lahore Pakistan. Currently he works as GIS Expert in Aga Khan Agency for Habitat

Figure 6: view of Contributors page.

- **Partners:**

This page is dedicated to project partners.

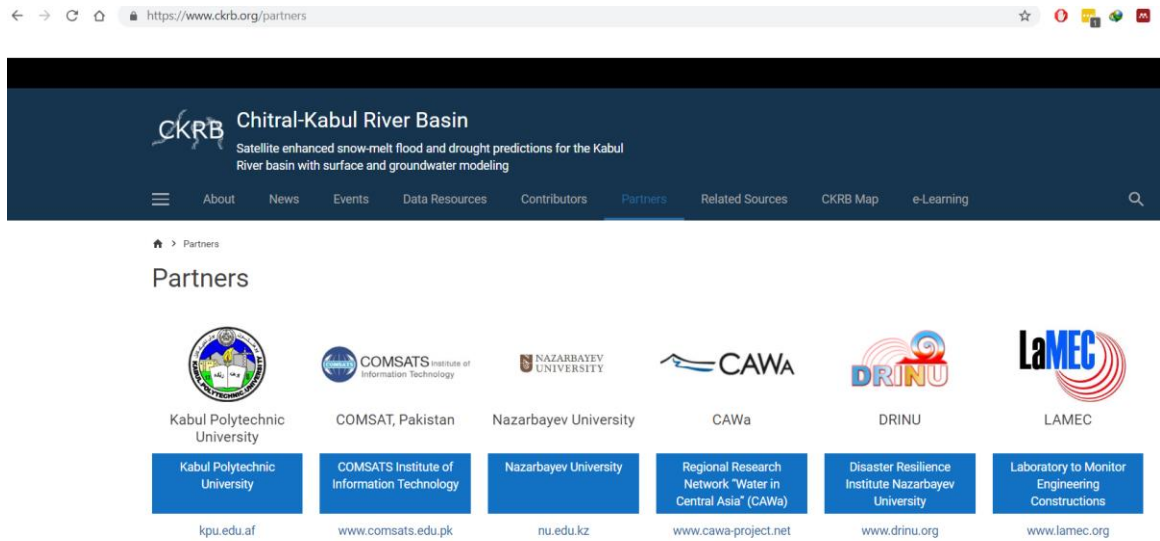


Figure 7: view of Partners page.

- **Related Sources:**

This page covers the related project which have done or will be doing research on the same topic.

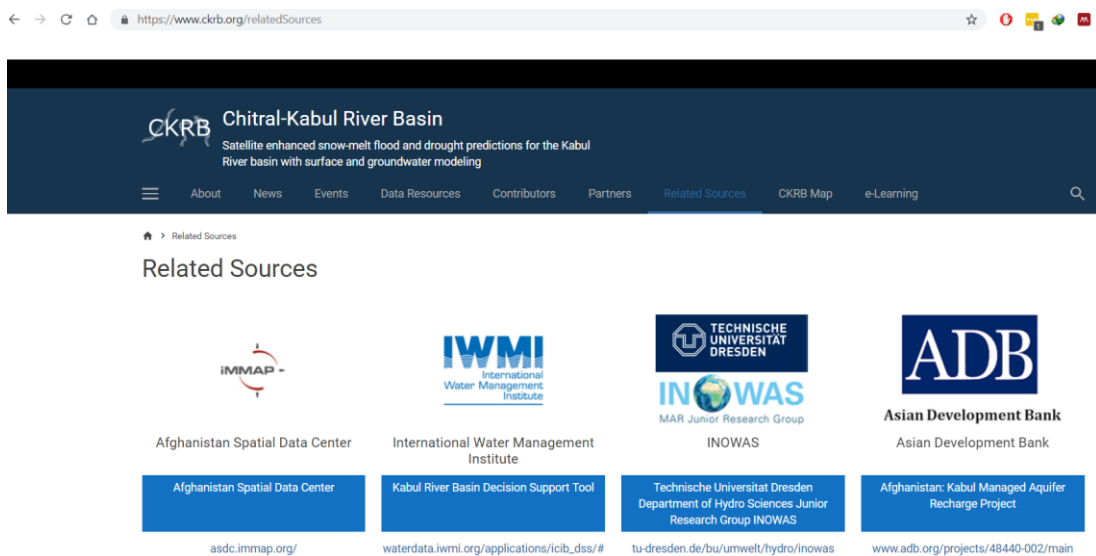


Figure 8: view of Related Sources page.

- **CKRB Map:**

This page is the geo portal, where we will use to share data.

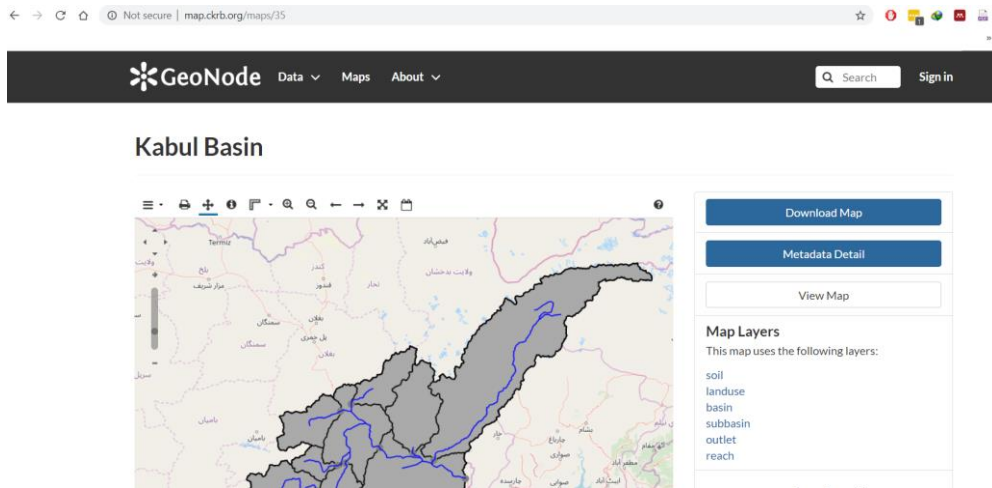


Figure 9: view of the Maps section from Geo Portal (CKRB MAP).

- **E-learning:**

The section includes the webinars on different modelling tools.

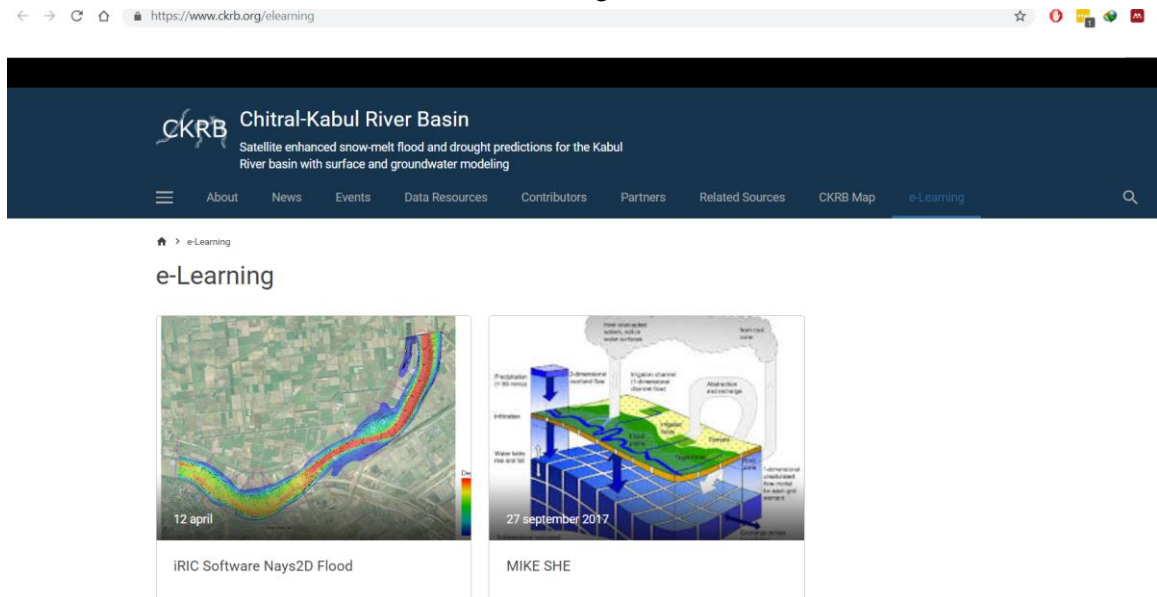


Figure 10: view of E-learning

- **Contact Us:**

A regular page, where people can use to contact PI and CO-PI of the project.

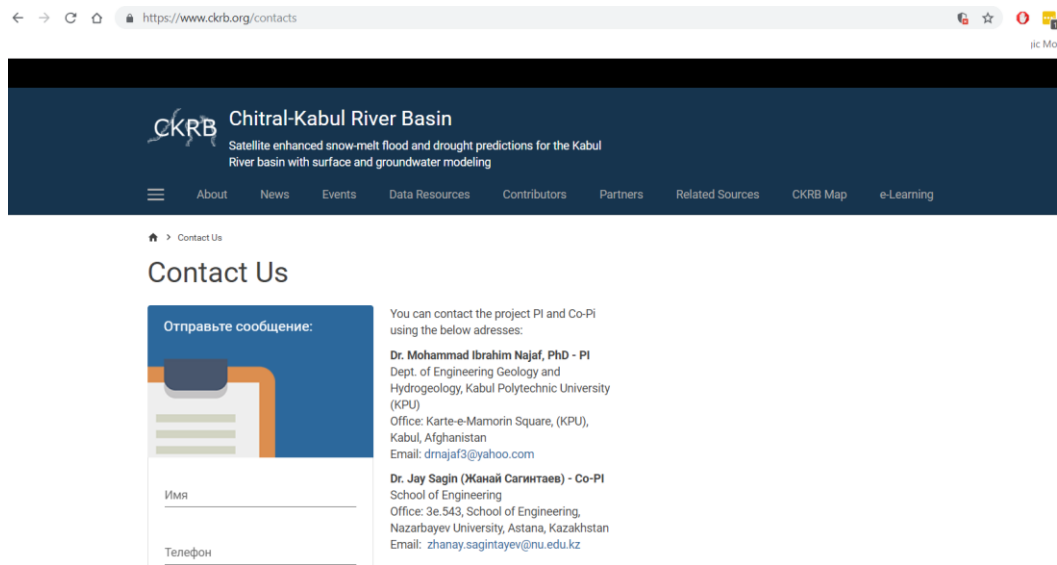


Figure 11: view of Contact Us page.