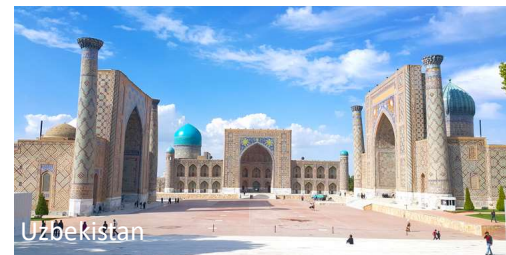
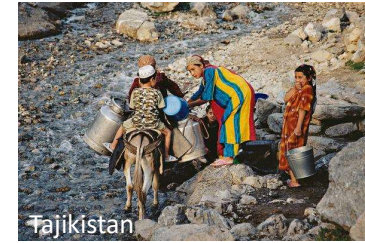
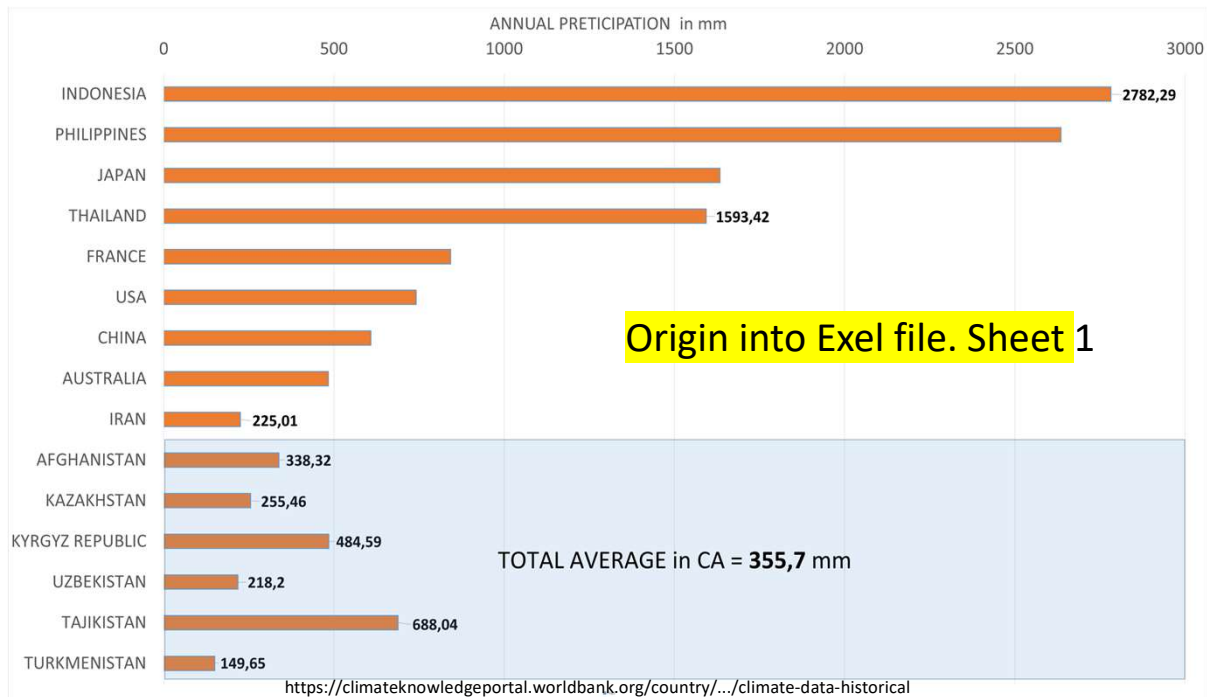


POPULATION on 2021 in million:

- Afghanistan: - 40,1
- Kazakhstan: - 19,0
- Kyrgyzstan: - 6,692
- Uzbekistan: - 34,92
- Tajikistan: - 9,75
- Turkmenistan: - 6,342

TOTAL: 116,804



GOOD PRACTICE IN 2021, Kyrgyzstan



Date Event
Time Event
Cause
Phenomena
Place
Victims
Other damage
Attracted potential



Flooded site. Drone image, MES, T.K.Izabekov



Mudflow on road. Internet



Washout of mudflow storage. Drone image, MES, T.K.Izabekov

GOOD PRACTICE IN 2023, Kazakhstan

Card of event

Date Event	8 June 2023
Time Event	12:00
Cause	lightning discharge /lightning
Phenomena	Forest fire
Place	Semei-Ormany, Abai region
Victims	14 people
Other damage	burned more then 60 000 Ha of forest
Attracted potential	1 500 rescuers, 300 vehicles and 14 helicopters local residents.

Satellite Image

Before Disaster

JAXA

2023-06-08 ALOS-2 Level2.1
IMG HH ALOS2
479301/1000 2023/04/08
FBD R 2.1 GUA

2023-06-08 ALOS-2 Level2.1
IMG HH ALOS2
479301/1010 2023/04/08
FBD R 2.1 GUA

2023-06-08 ALOS-2 Level2.1
IMG HH ALOS2
479301/1020 2023/04/08
FBD R 2.1 GUA

After Disaster

JAXA

2023-06-17 ALOS-2 Level2.1
IMG HH ALOS2
48965/1000 2023/06/17
FBD R 2.1 GUA

2023-06-17 ALOS-2 Level2.1
IMG HH ALOS2
48965/1010 2023/06/17
FBD R 2.1 GUA

2023-06-17 ALOS-2 Level2.1
IMG HH ALOS2
48965/1020 2023/06/17
FBD R 2.1 GUA



Forest fire in Semei Ormany, Kazakhstan.
Photo by: Aibol Kalybaev, Internet

DETECTED FOREST FIRE IN ABAI REGION, KAZAKHSTAN

As observed by Sentinel-2 images on 19 June 2023

63,000 Ha OBSERVED BURNED AREA

14 NUMBER OF DEATHS

Legend:

- Detected Burned Area
- District Boundary
- Kazakhstan Boundary
- Waterbody
- Road

Map Scale 1:700,000
Coordinate System: WGS 1984 UTM Zone 44N
Unit: Meter

Map product made by GIC-AIT (v1.0).
Disclaimer: The accuracy of this product is not validated.

Forest Fire Map, Kazakhstan
As Observed By Sentinel 2 On 14 June, 2023

Location

Legend

Forest Fire

Description

- This Map shows Fire effected area after fire disaster happened in Kazakhstan Forest on 8th June/23.
- Damage happend to forest Area and wild life
- Due to this disaster 60,000 HA's Area got damaged
- Accuracy of this product is not validated.

Map Information

- Coordinate System : WGS_1984_UTM_zone_44N
- Unit Degree

Data Source

- Copernicus Open Access Hub ESA
- Satellite Product: Sentinel 2
- Pre Disaster : 2023-06-04
- Post Disaster : 2023-06-14



Kazakhstan - Forest fires (JRC-GWIS, media , media) (ECHO Daily Flash of 13 June 2023)

Missed opportunity in 2021-2022, Kazakhstan

Card of event	
Date Event	10 May 2021
Time Event	unknown
Cause	???
Phenomena	Forest fire
Place	Ridder, East region of KZ
Victims	1 female
Other damage	burned more then 300 Ha of forest, 31 buildings, 6 vechiles and other
Attracted potential	500 rescuers, 86 vehicles and 2 helicopters local residents.

Card of event	
Date Event	7 September 2022
Time Event	unknown
Cause	???
Phenomena	Forest fire
Place	Amankaragai forest, Kostanai region of KZ
Victims	no
Other damage	burned more then 43 000 Ha of forest, 108 buildings and other. Was evacuated 1 841 people
Attracted potential	unknown

Card of event	
Date Event	26 August 2021
Time Event	19:00
Cause	fire near one of the warehouses in the military unit
Phenomena	Fire and Explosions
Place	Bayzak raion, Jambyl oblast of KZ
Victims	17 people+1 Lost
Other damage	???
Attracted potential	???



Photo: Orda.kz

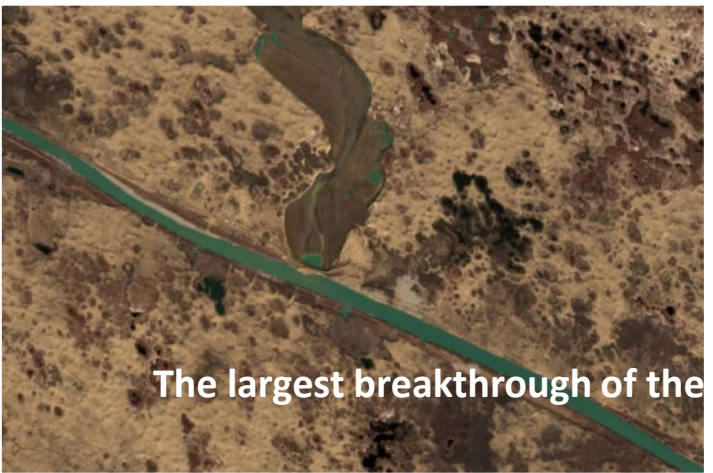
Missed opportunity in 2022, Uzbekistan and in February 2023 in Turkmenistan



Card of event	
Date Event	20 April 2022
Time Event	unknown
Cause	Strong Rain
Phenomena	Flood
Place	Forish raion, Djizak oblast, Uzbekistan
Victims	4
Other damage	flooded >260 buildings in Egizbulak village. Of them were destroyed - 53, and 44 was damaged. Was evacuated 100 people.
Attracted potential	???

Card of event	
Date Event	17-20 January 2023
Time Event	unknown
Cause	Ice Jams
Phenomena	Flood
Place	site of Kairakum chanel, Turkmenistan
Victims	no
Other damage	Lost 1 bulldozer
Attracted potential	???

The main damage is the huge loss of water that has gone into the sands. Most of the runoff went into the sands for almost 20 days. Possible volume - 100 million m3.



The largest breakthrough of the Karakum Channel Turkmenistan