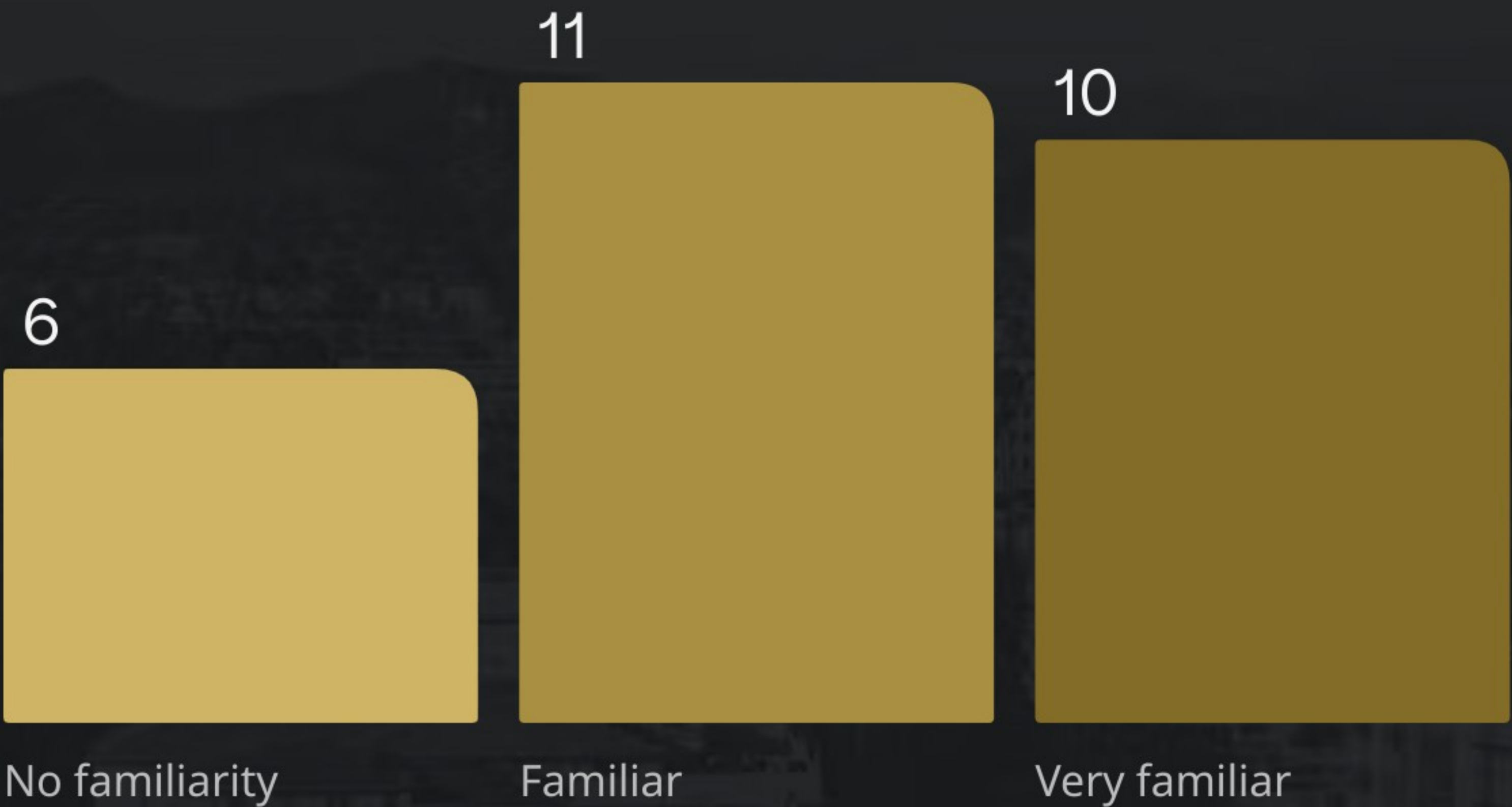
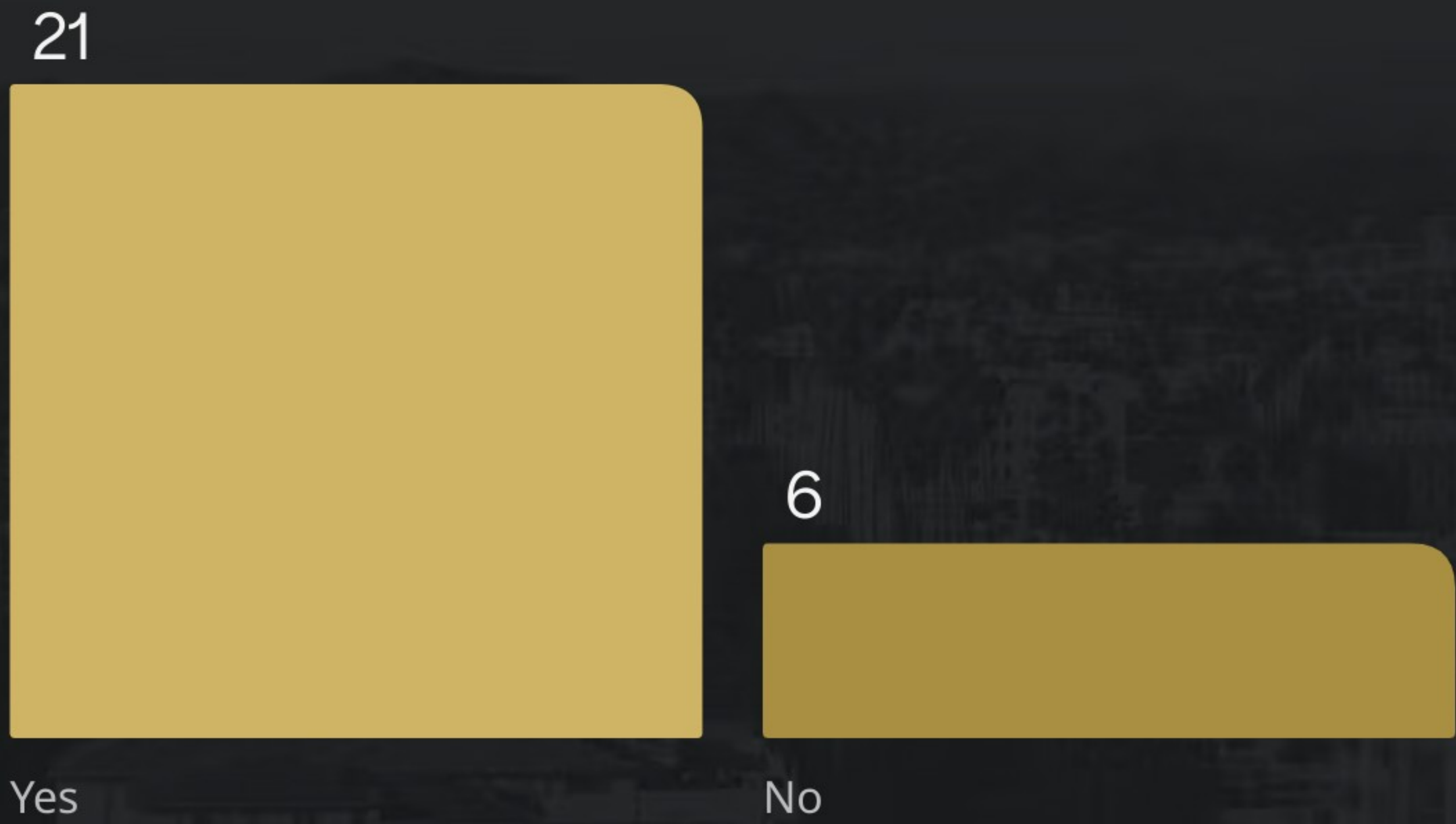


HOW WOULD YOU DESCRIBE YOUR GENERAL FAMILIARITY WITH THE USE OF ARTIFICIAL INTELLIGENCE?



HAVE YOU USED ARTIFICIAL INTELLIGENCE IN YOUR WORK?



IF YOU ANSWERED YES, PLEASE DESCRIBE BRIEFLY HOW YOU ARE USING AI.

Data analysis of satellite imagery

Coding

As an aid for programming in R

We are using deep learning methods for land cover classification and monitoring.

I used it for developing algorithms for crops clasification

Mainly to analyse, correct and prodouce text

Mapping floods in real time and detecting mining using Landsat images and machine learning,

Translation, summarizing documents, specialized searches

IF YOU ANSWERED YES, PLEASE DESCRIBE BRIEFLY HOW YOU ARE USING AI.

Investigating High-Latitude Permafrost Carbon Dynamics with Artificial Intelligence and Earth System Data Assimilation

predict groundwater-related variables

To Summarize papers, to organize my presentations and analyze data.

Text mining tool

Analyze data, For create presentations. For summarize information.

We have worked on drought monitoring from space many years and studied Carbon Dynamics with satellite remote sensing, in situ measurements and AI for soil carbon season and season forecast.

LLM and ML models

for water resources availability and drought assessment

IF YOU ANSWERED YES, PLEASE DESCRIBE BRIEFLY HOW YOU ARE USING AI.

We have worked on drought and soil moisture monitoring from space and in situ measurements, We recently studies Carbon Dynamics with Artificial Intelligence and Earth System Data Assimilation.

I use AI to clean and group my data for my work

I use AI to clean and process my data for my work

I use AI to clean and process my work, like for example DBSCAN clustering algorithm

Primarily with the work of PhD and MSc students. Use to develop seasonal forecasts of precip and discharge using Machine Learning methods

PLEASE SHARE A SUGGESTION FOR A FUTURE WEBINAR TOPIC, EITHER ABOUT AI, DROUGHT OR SOMETHING ELSE...

AI and sociohydrological model in drought management

AI and sociohydrological model in drought management

practical sessions and exercises

Technical workshop for data analysts/scientists using AI for drought monitoring, create a community to share their scientific results (maybe virtual poster/talk session?)

Sociohydrology model in drought management.

groundwater and drought proofing

co-designing socio-economic scenarios for drought risk assessment

Application of AI for drought mitigation measures proposals at regional level

PLEASE SHARE A SUGGESTION FOR A FUTURE WEBINAR TOPIC, EITHER ABOUT AI, DROUGHT OR SOMETHING ELSE...

Demonstrations of for some drought indicators, such as SM and ET for forecasting and early warning

Use of AI in processing Satellite data

This session highlighted progress in Europe. It would be great to have similar regional sessions in Africa, Asia, and the Americas.