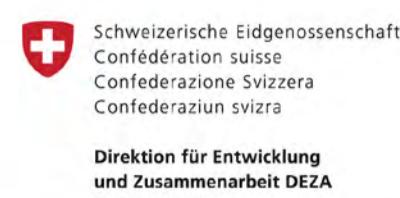


CICADA

Cryospheric Climate Services for Improved Adaptation



Glacier monitoring, capacity building and related cryospheric research in Central Asia

#1 High quality data is available

Local scientists are supported in gaining high-quality data of the terrestrial cryospheric ECV (Essential Climate Variables). They (i) measure and monitor most important variables according to international standards, (ii) make the data permanently and openly accessible in the target countries and (iii) data is available at the designated international data centres. Here are the **monitored glaciers**:

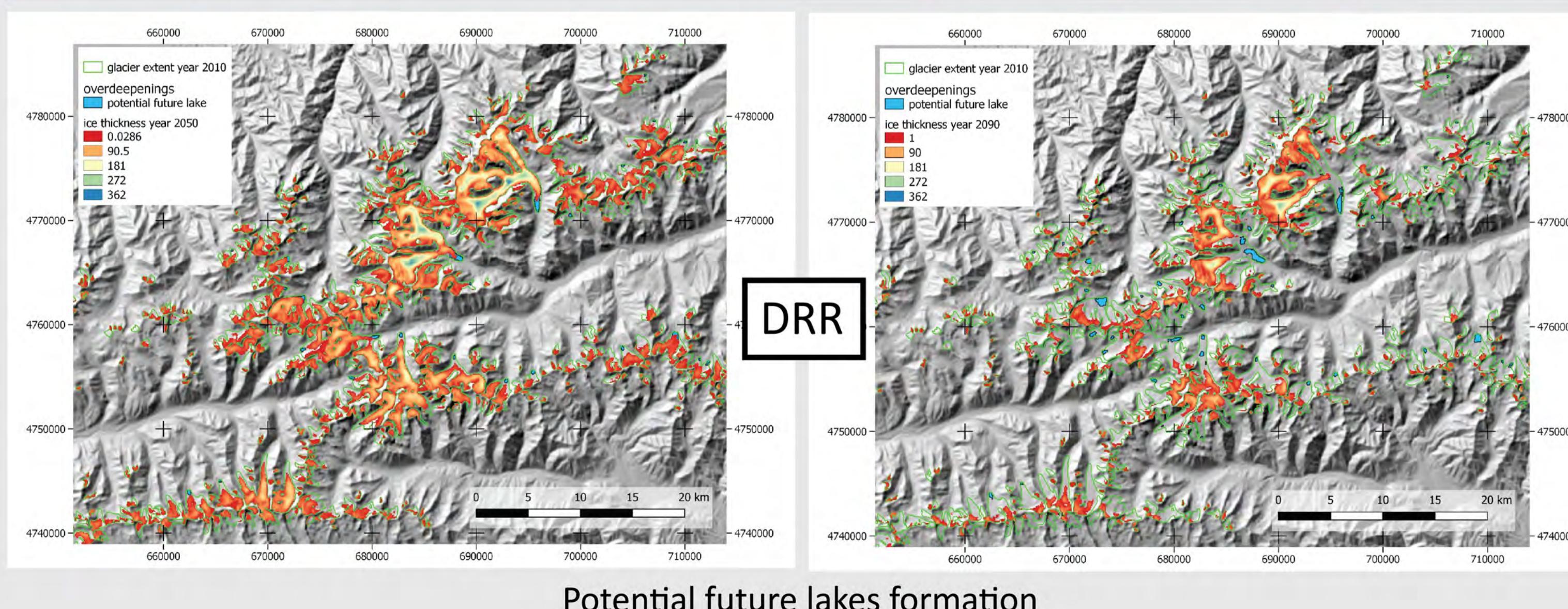


#2 Increase of capacity, cooperation and awareness

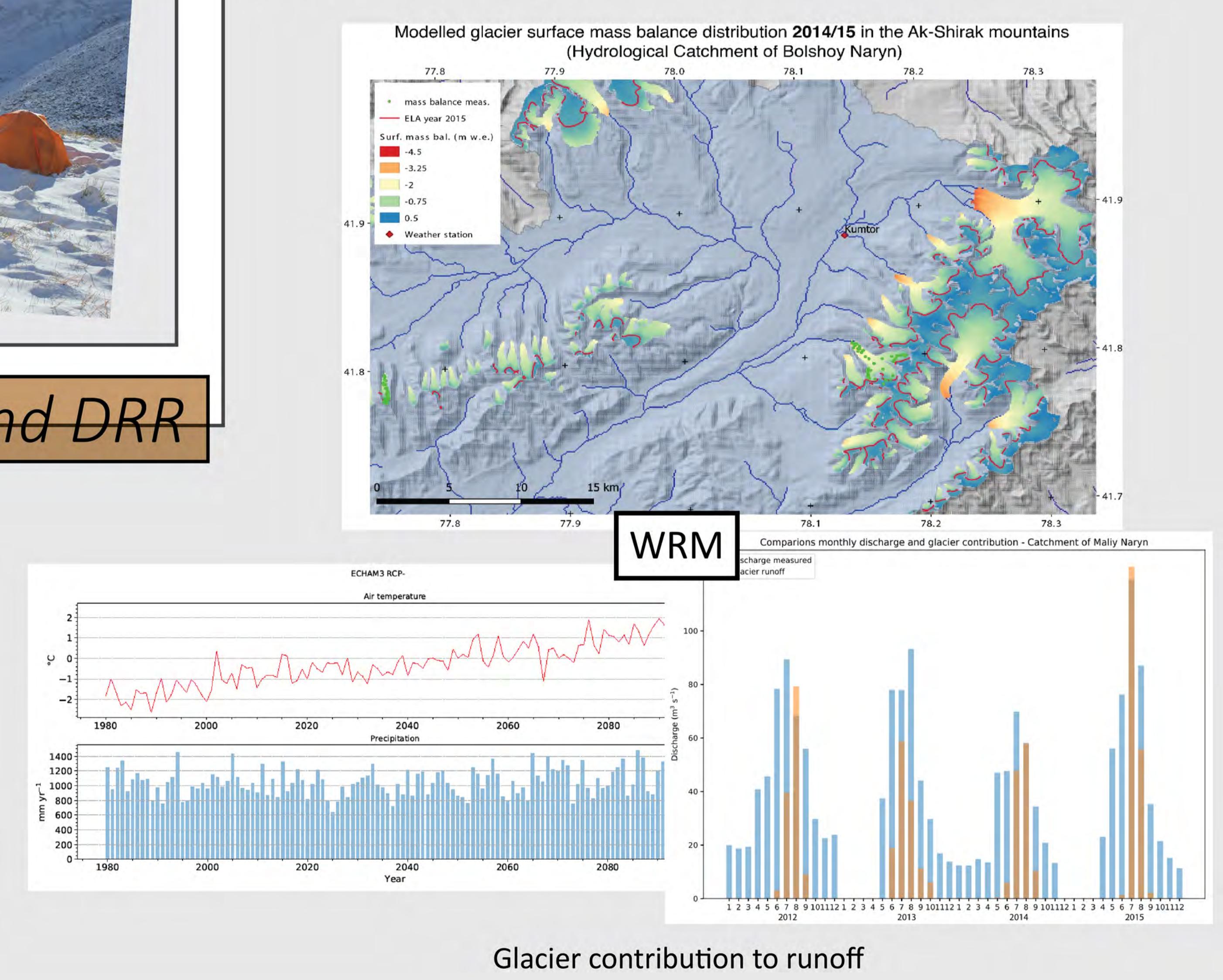
Relevant data providers, users and decision-makers in the region are linked and scientists as well as promising students are trained. Trained scientist should then continuously take over the responsibility to educate young scientists and students, who will also raise outreach. Awareness in the general public within all cooperating countries is increased.



#3 Cryosphere data is used for improving WRM and DRR



The gathered high quality data is processed, transmitted and used by specialists to apply it for WRM (Water Resource Management) and DRR (Disaster Risk Management) based on scenarios for specific catchment wide forecasting in selected areas in Central Asia. Decision-makers and stakeholders gain knowledge of the value of the baseline data.



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