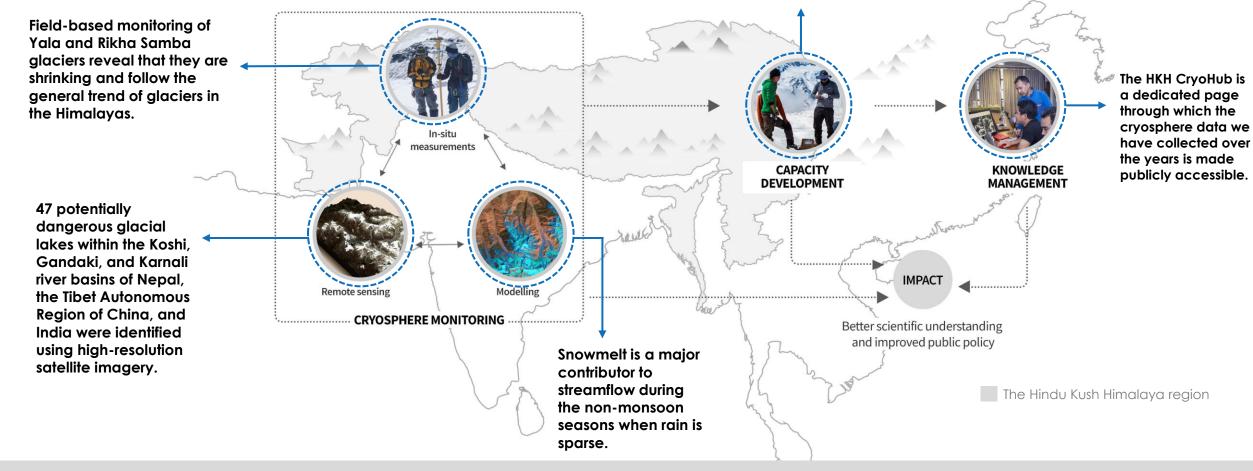


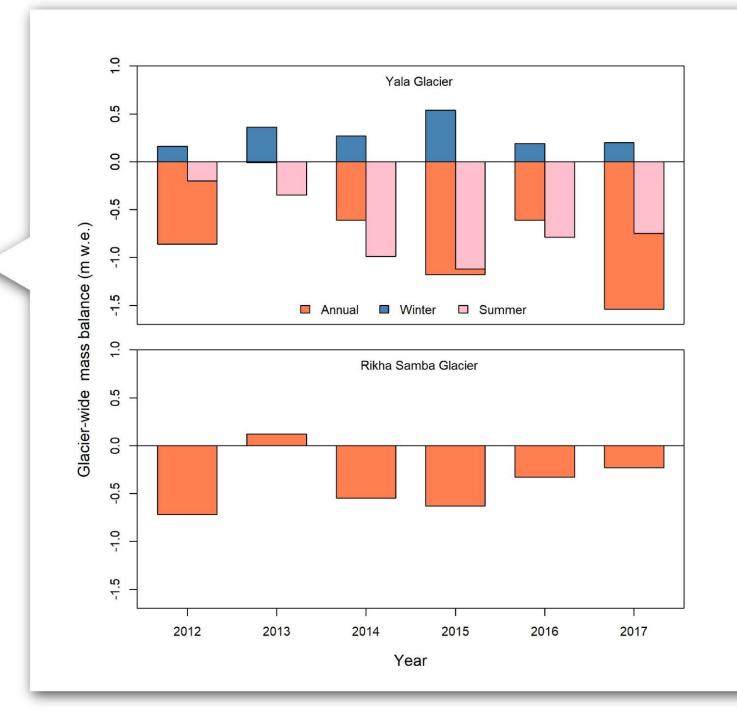


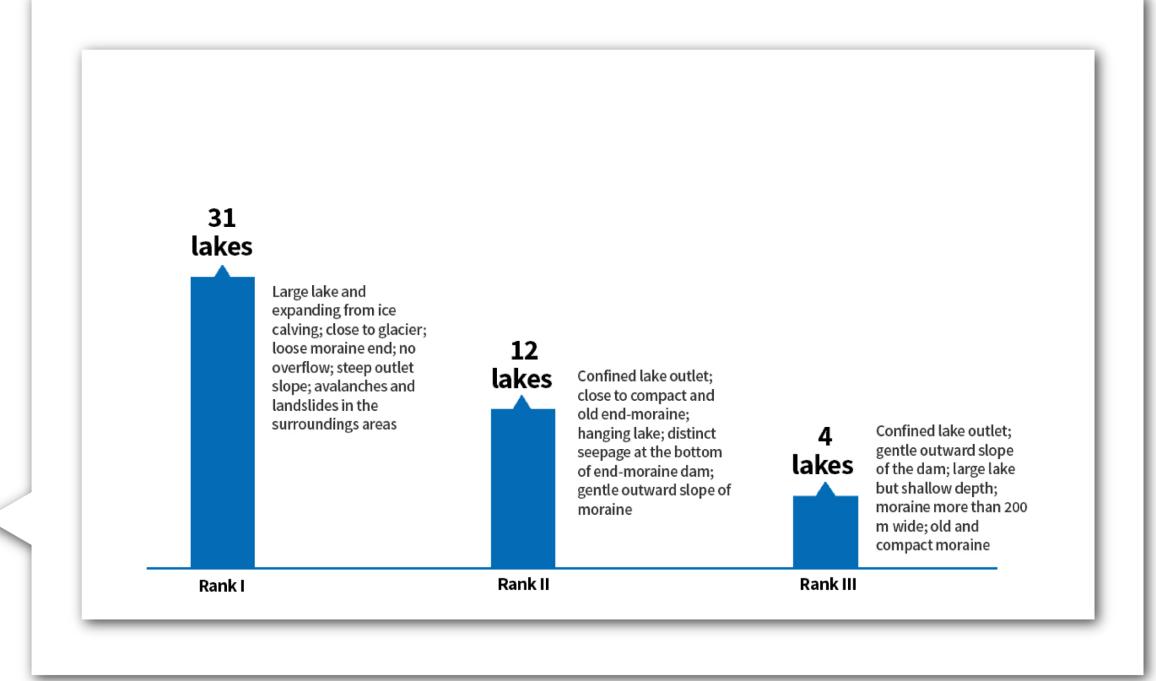
## Monitoring the cryosphere in the Hindu Kush Himalaya

Measurements, analysis and dissemination

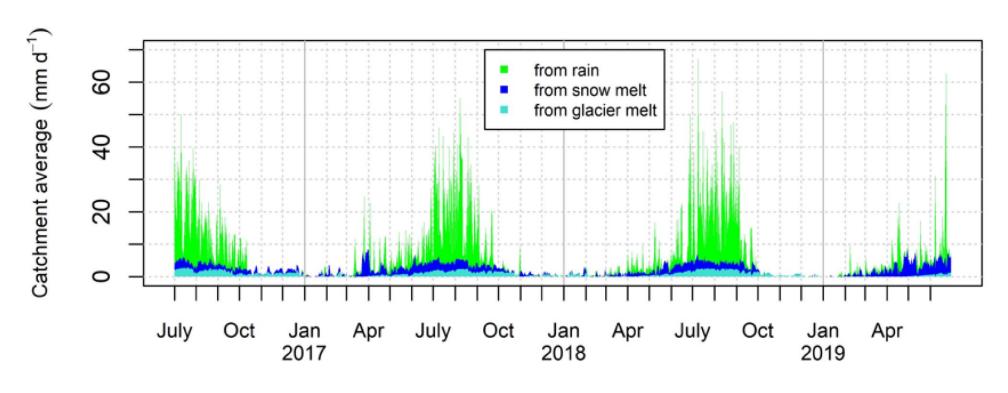
- Over 1,500 professionals and young researchers trained in monitoring cryosphere change using the latest Earth observation tools and techniques
- Training on the R software has become an annual training event based on demand







## Runoff to ground



## Reference:

Saloranta T, Thapa A, Kirkham JD, Koch I, Melvold K, Stigter E, Litt M and Møen K (2019) A Model Setup for Mapping Snow Conditions in High-Mountain Himalaya. *Front. Earth Sci.* 7:129. doi: 10.3389/feart.2019.00129

Stumm, D., Joshi, S. P., Gurung, T. R., and Silwal, G.: Mass balances of Yala and Rikha Samba glaciers, Nepal, from 2000 to 2017, *Earth Syst. Sci. Data*, 13, 3791–3818, https://doi.org/10.5194/essd-13-3791-2021, 2021.

Bajracharya, S.R., Maharjan, S.B., Shrestha, F., Sherpa, T.C., Wagle, N., Shrestha, A.B. (2020). *Inventory of glacial lakes and identification of potentially dangerous glacial lakes in the Koshi, Gandaki, and Karnali River Basins of Nepal, the Tibet Autonomous Region of China, and India.* Research Report. ICIMOD and UNDP