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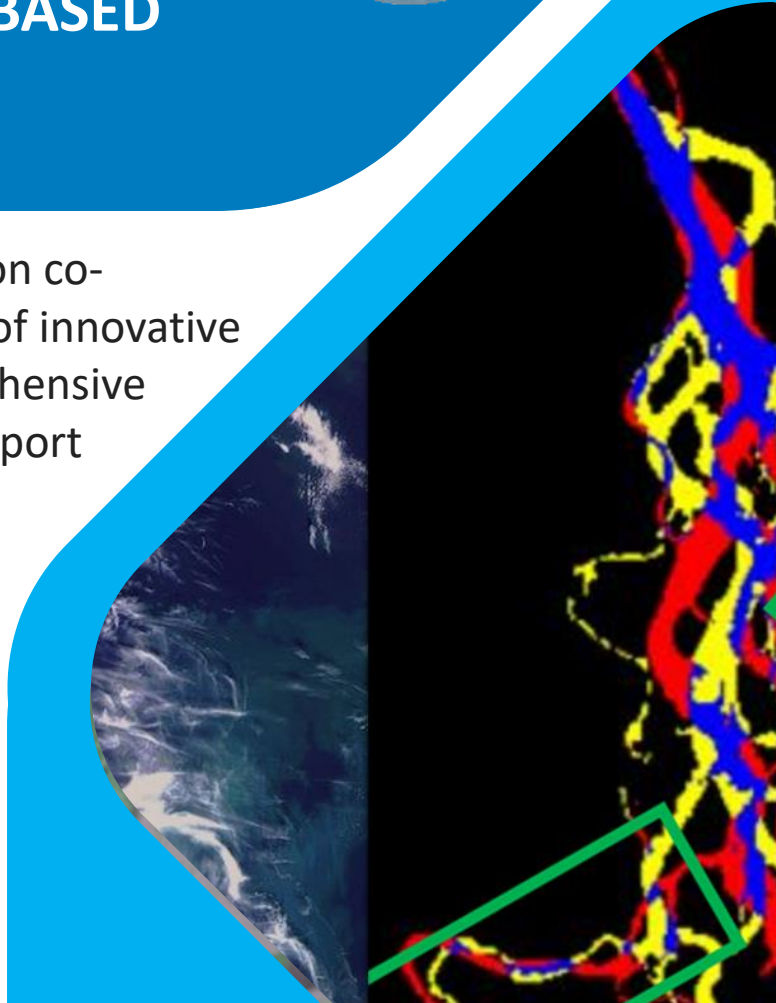


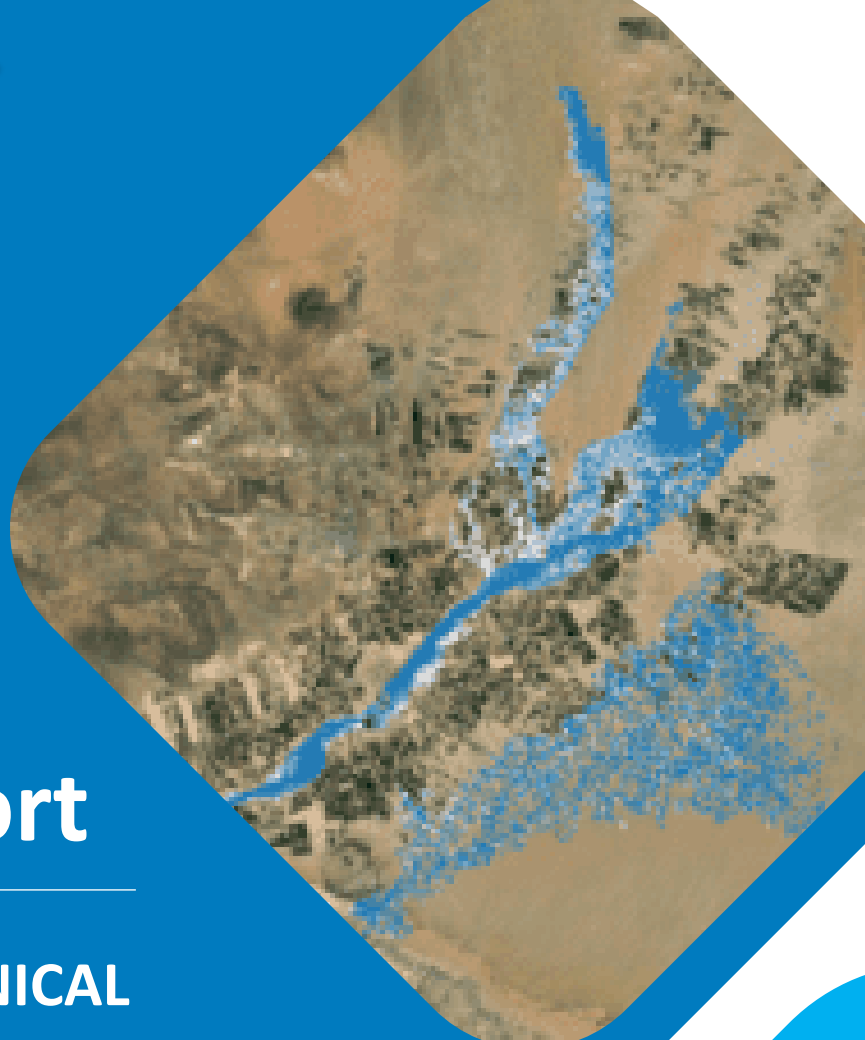
# HYDROPC

## HYDROLOGICAL FORECASTING USING PUBLICLY AVAILABLE DATA AND FREE CLOUD-BASED TECHNOLOGIES

The project HydroPC focused on co-development and application of innovative data technologies and comprehensive training of beneficiaries to support water and disaster risk management in Mozambique.

A further sub-goal of the project was to facilitate a transition to free open-source software in water and disaster risk management.





# RADID DSS Support

## REMOTE TECHNICAL SUPPORT IN 'DUTCH SURGE SUPPORT'

HKV provides remote technical support in Dutch Risk reduction activities to countries that face threatening situations or were hit by natural disasters.

Our remote technical activities include mapping and interpretation of flood or landslide hazard zones, rapid assessments of flood vulnerabilities and potential risks of dam failures.



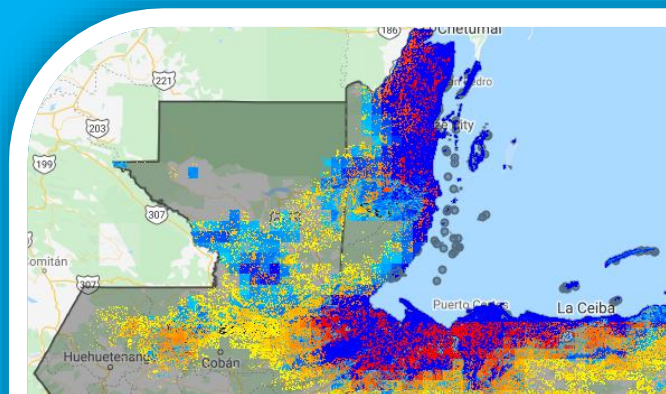
Mozambique



Yemen



Guatemala





# RAINSAT

## NEAR REAL-TIME PRECIPITATION MEASUREMENTS AND DEEP-AI NOWCASTS FOR AFRICA

HKV and KNMI develop RAINSAT, a website and app disclosing precipitation measurements for Africa. Precipitation information with this resolution and frequency is unique to most places in Africa and certainly not available for free.

RAINSAT allows for earlier warning of extreme precipitation events at higher spatial resolution!



Time Resolution: 15 min  
Latency: 45 min



Spat. Resolution: 3 x 3 km



AI Nowcast: → 3 hours