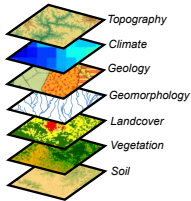
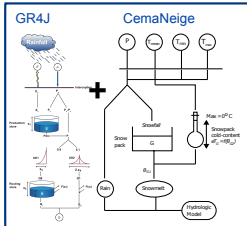


23 watersheds
across Nepal

Watershed properties extraction



Hydrological Modeling



Calibrated
Parameters

Watershed
Properties

Regionalization
Methods

Ungauged
Watershed

Predicted
Parameters

Regression-based

Principal Component Regression (PCR)

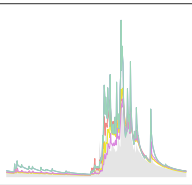
Random Forests (RF)

Donor-based

Physical Similarity (PS)

Spatial Proximity (SP)

Repeat for
all basins



Hydrologic Prediction
in Ungauged
Watersheds