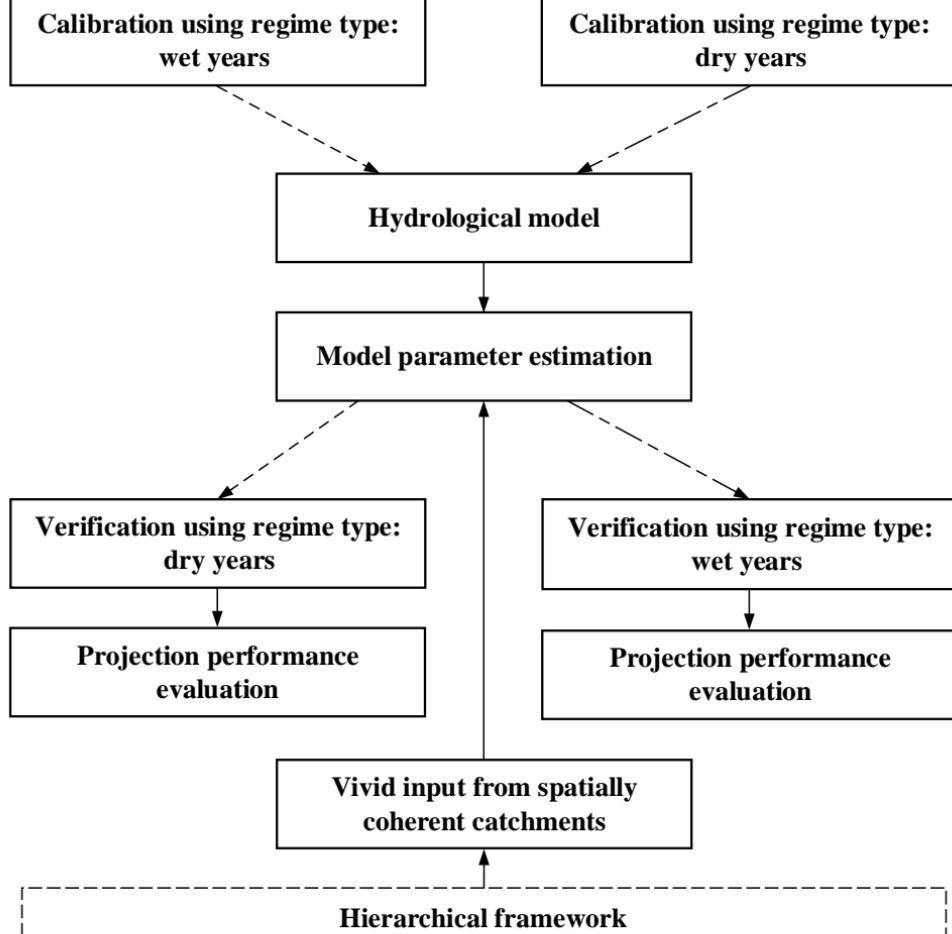


Identification of contrasting rainfall regimes



Level 1: temporal variability

$$\theta_m = \alpha(c) + \beta(c) \sin[\omega(c)t]$$

Level 2: spatial coherence

$$\beta(c) = N(\mu_2, \sigma_2^2)$$

$$\omega(c) = N(\mu_3, \sigma_3^2)$$