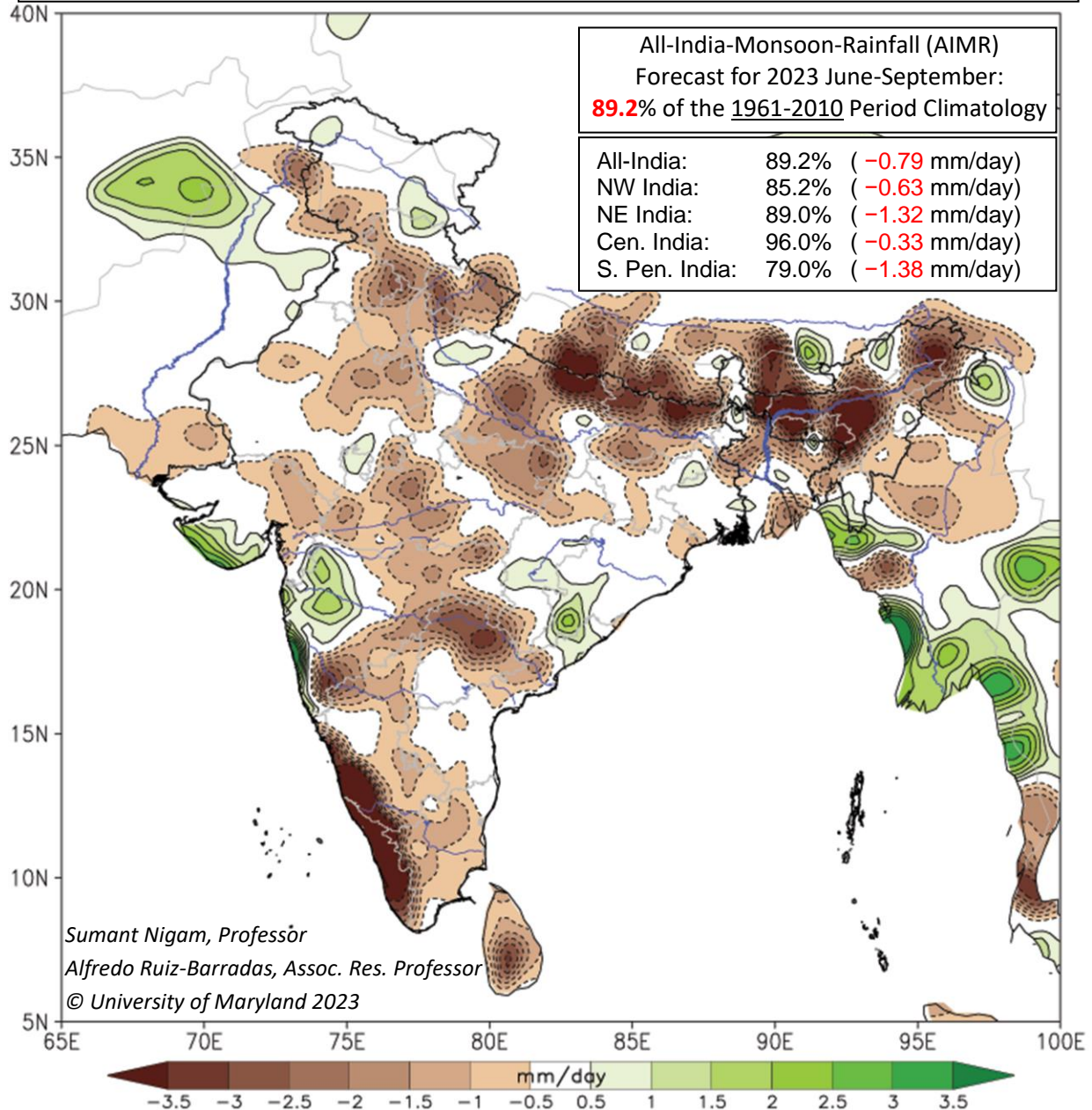


## University of Maryland's Experimental Monsoon Forecast 2023 June-September Seasonal Rainfall **Anomaly** (GPCCC<sub>v2022</sub>-based Forecast in mm/day; FINAL (ver. 2a); issued 24 May 2023)



**Figure 1:** SST-based experimental forecast of the 2023 Summer Monsoon (June-September) rainfall anomalies (departures from normal), with respect to the 1961-2010 climatology. The forecast is generated from regressions of the GPCCC (ver.2022) precipitation (Rustemeier et al. 2022) on the SST principal components. Solid (green) contours represent above-average rainfall, while dashed (brown) ones denote below-average rainfall; the zero contour is omitted. The contour interval and shading threshold are 0.5 mm/day. The final (ver. 2a) forecast for the summer monsoon rainfall is based on antecedent SST anomalies extending until May 17, 2023.