

**Figure 1.** SST-based experimental forecast and verification of the 2022 Summer Monsoon (June-September) rainfall anomalies, with respect to the 1961-2010 climatology. The forecast is generated from regressions of the GPCC ver. 2020 (Schneider et al. 2018) precipitation data on the SST principal components (Nigam et al. 2020) over the period 1901-2016. The forecast verification is generated from the IMD-generated gridded rainfall (Pai et al. 2014). Green shading represents above-average rainfall, while brown shading denotes below-average rainfall. The shading interval is 0.5 mm/day in the forecast and 1.0 mm/day in observations, as indicated in the shading bars.