

**Electronic Supplementary Material to:
Understanding Interannual Variations of the Local Rainy Season
over the Southwest Indian Ocean***

Hanying LI¹, Peng HU², Qiong ZHANG³, Ashish SINHA⁴, and Hai CHENG^{1,5}

¹*Institute of Global Environmental Change, Xi'an Jiaotong University, Xi'an 710054, China*

²*Center for Monsoon System Research, Institute of Atmospheric Physics,
Chinese Academy of Sciences, Beijing 100190, China*

³*Department of Physical Geography and Bolin Centre for Climate Research,
Stockholm University, Stockholm SE 10691, Sweden*

⁴*Department of Earth Science, California State University, Dominguez Hills, Carson CA 90747, USA*

⁵*Department of Earth Sciences, University of Minnesota, Minneapolis MN 55455, USA*

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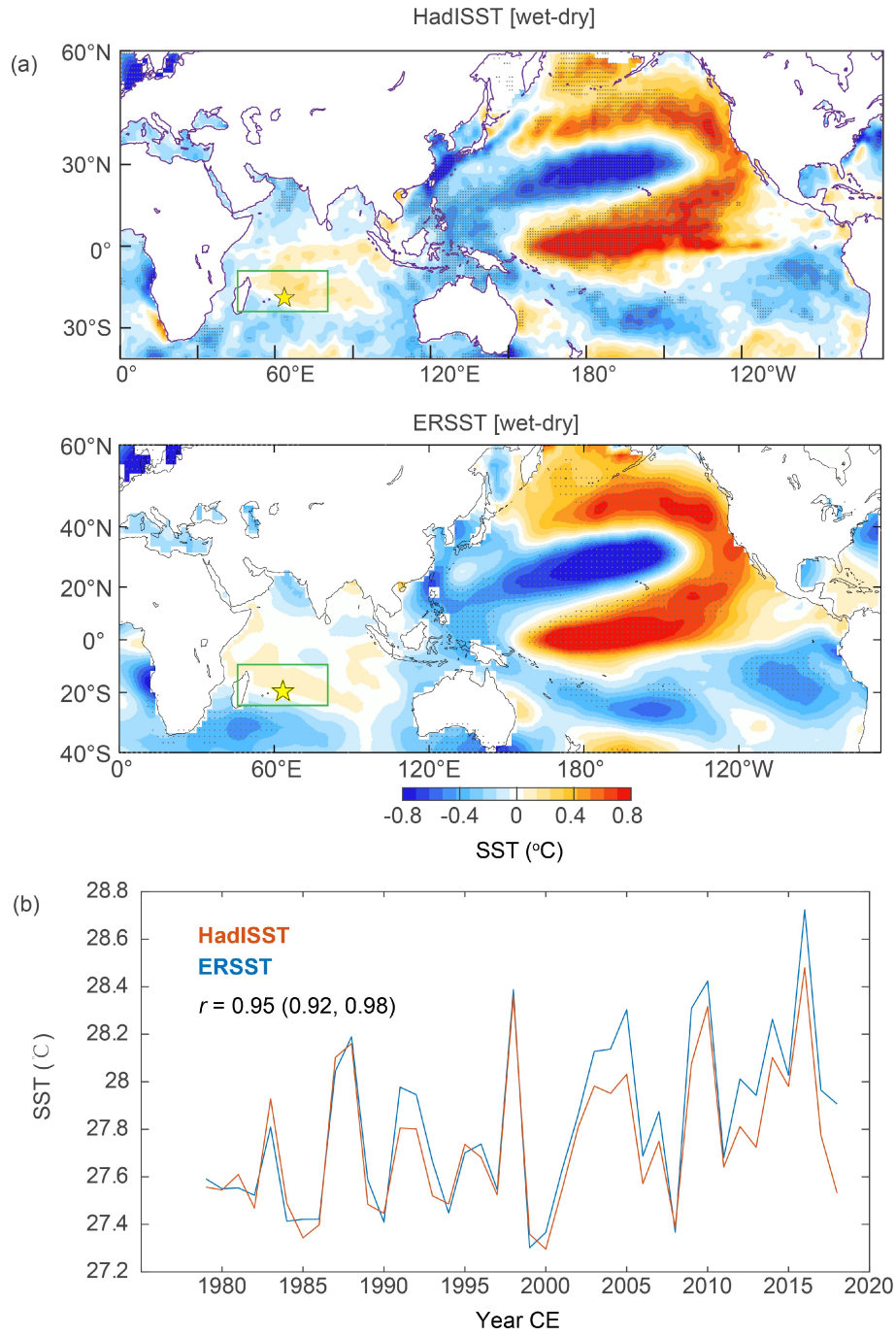


Fig. S1. The comparison of SST anomaly pattern from HadISST and ERSST datasets. (a) The robust test of SST anomaly pattern between wet (1979, 1980, 1982, 1987, 1991, 1995, 1996, 2015, 2018) and dry (1984, 1993, 1999, 2000, 2001, 2008, 2009, 2016, 2017) years conducted by two datasets in terms of HadISST (in the upper panel) and ERSST (in the bottom panel). (b) The time series of JFMA mean SST from two dataset over the SWIO (45°–80°E and 10°–25°S). The correlation coefficient and 95% confidence intervals between the time-series are given.