

***Interactive comment on “The synergistic impact of ENSO and IOD on the Indian Summer Monsoon Rainfall in observations and climate simulations – an information theory perspective” by Praveen Kumar Pothapakula et al.***

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Since it has become obvious that common-mode tidal forcings control the majority of climate indices, as a first step one should consider how the tidal factors play into the models. See attached figures for AMO and ENSO. Once this causality is understood, then it will be much easier to deal with other interactions. ENSO and IOD have just slight variations on the tidal forcing. Cheers

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Interactive comment on Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2020-50>,  
C1

2020.

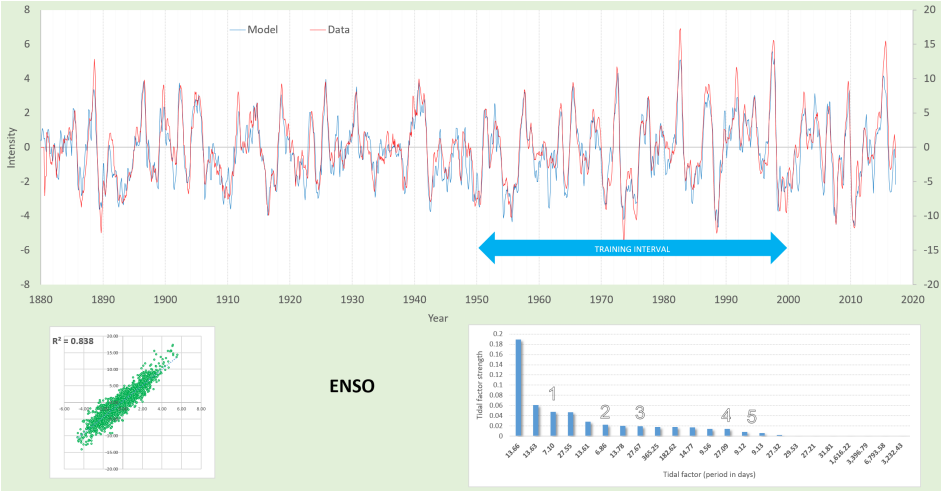


Fig. 1.

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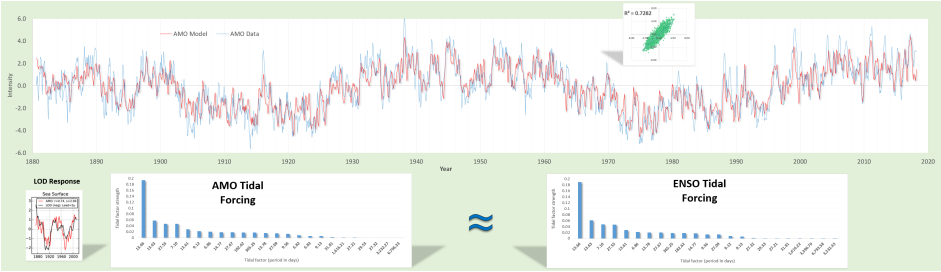
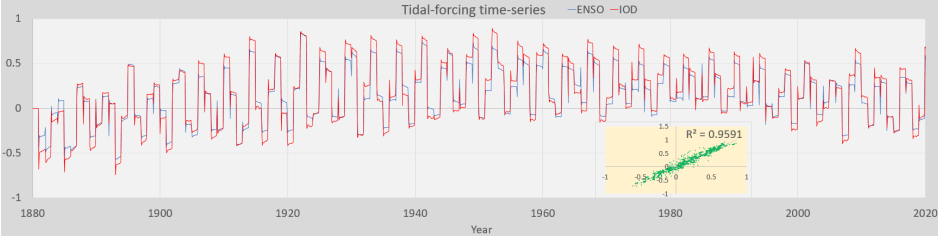


Fig. 2.

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**Fig. 3.**