

Interactive comment on “Development of Super-Ensemble techniques for ocean analyses: the Mediterranean Sea case” by Jenny Pistoia et al.

Jenny Pistoia et al.

jenny.pistoia@ingv.it

Received and published: 1 July 2016

C1

July 1, 2016

Reviewer 2

THE PAPER PRESENTS A TOPIC RELEVANT TO THE JOURNAL. LIKE THE OTHER REVIEWER, THE RELATIONSHIP TO OTHER MODELS IS NOT PRESENTED CLEARLY ENOUGH. THE MODEL OF KRISHNAMURTY IS THE OUTGOING POINT, BUT IT IS NOT CLEAR IF THE SUBSEQUENT EQUATIONS FOR REGRESSION AND CALIBRATIONS ARE DEVELOPED ON THEIR OWN, DERIVED FROM THE OTHER MODELS OR PART OF IT. FOR EACH EQUATION THE SOURCE SHOULD BE NAMED, EVEN IF OWN.

ALSO, I RECOMMEND A FLOW CHART FOR THE METHODOLOGY DEVELOPED, SINCE THIS IS THE MAIN POINT OF THE PAPER. WHICH MODELS ARE EMPLOYED IN WHICH POINT OF THE METHODOLOGY. FIRST PRESENT THE METHOD AND THEN TALK ABOUT DATA TO TRAIN IT AND THE RESULTS. THIS MIGHT SLIGHTLY CHANGE THE SEQUENCING OF THE PAPER. LOOKING FORWARD FOR AN IMPROVED VERSION OF THE PAPER.

The authors thank the reviewer for this comment. Equations have been checked. Equations from 1 to eq. 4 come from Krishnamurti's work. The others are a manipulation of the initial system. However a flow chart has been added to help the reader.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., doi:10.5194/nhess-2016-46, 2016.

C2

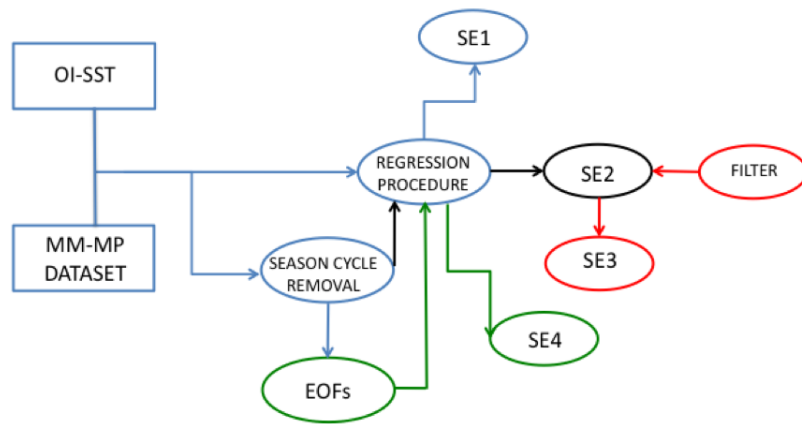


Fig. 1. Paper Flowchart