

1. Background

- Pre-season skillful yield predictions are useful to address food security and associated farm management practices
- contribute to provision of climate services to farmers, governments, humanitarian agencies, and enhance related adaptation policy formulations.

2. Objective

 Assess the maize yield predictive skill of agricultural impacts model through hindcast validation for the period 1981 – 2010 to identify suitable lead-times.

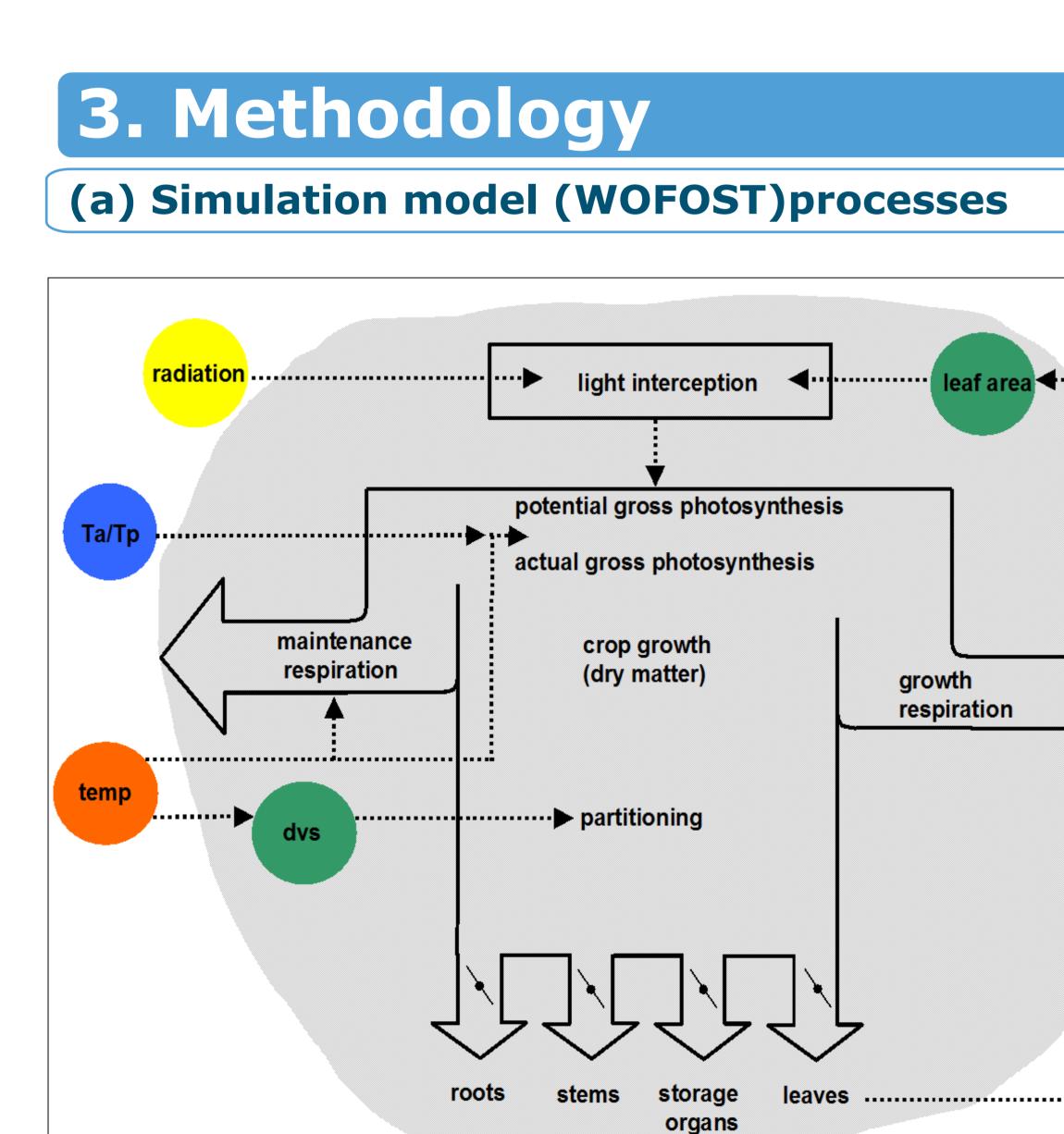


Figure 1. Showing crop model simulated processes (*de Koning et al., 1993*).

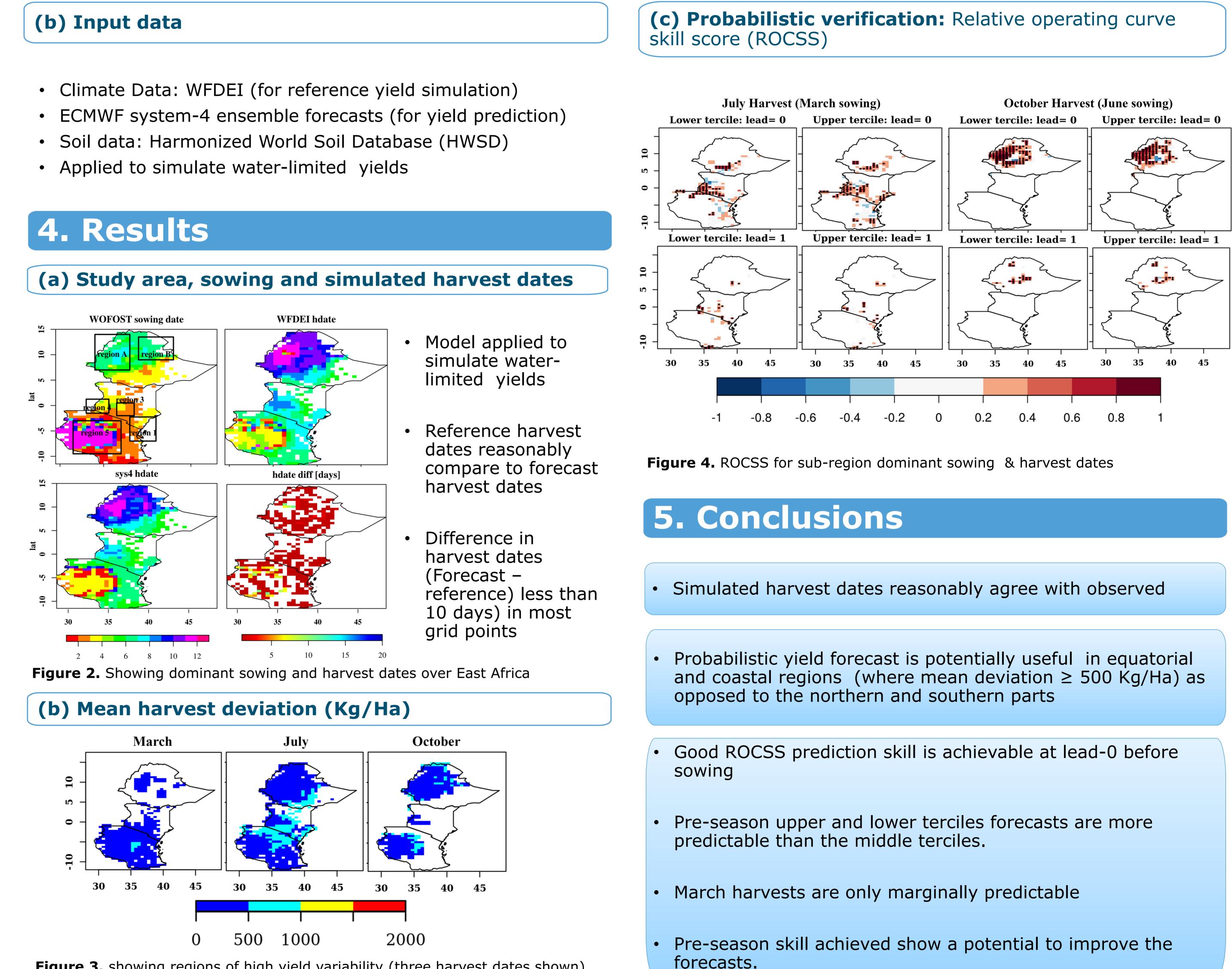


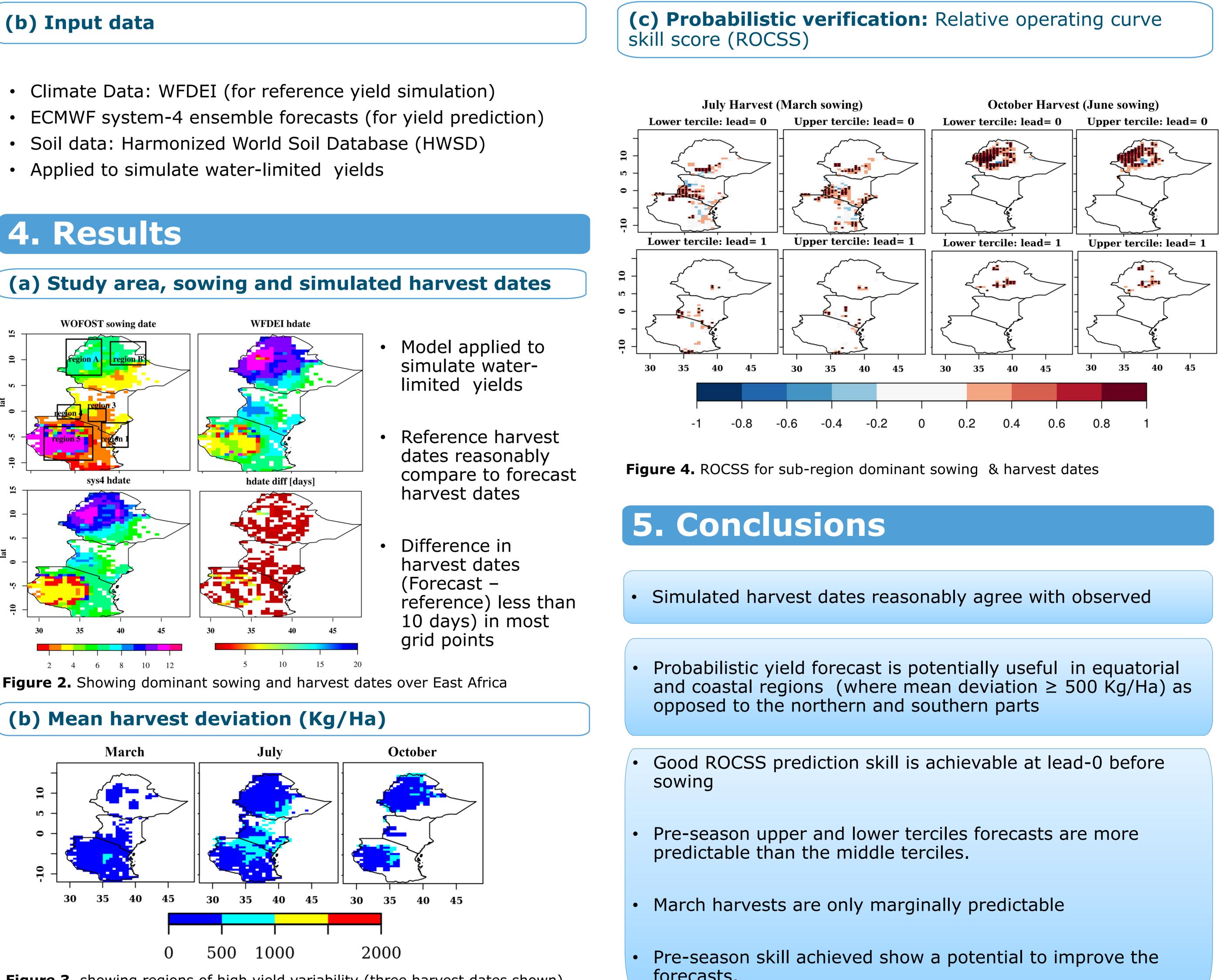
Probabilistic maize yield simulation over East Africa using ensemble seasonal climate forecasts Geoffrey Ogutu^{1,2}, Iwan Supit¹, Ronald Hutjes¹

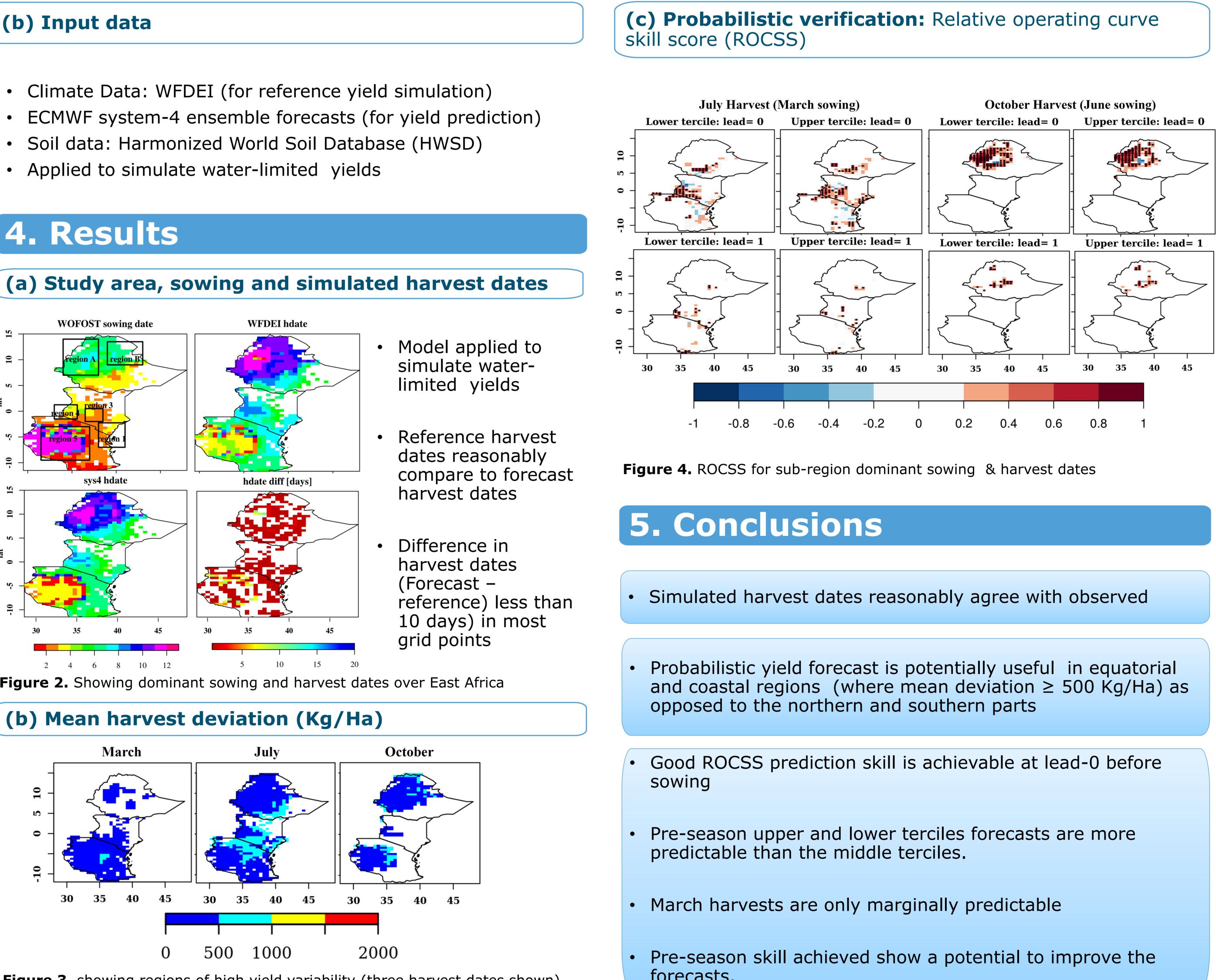
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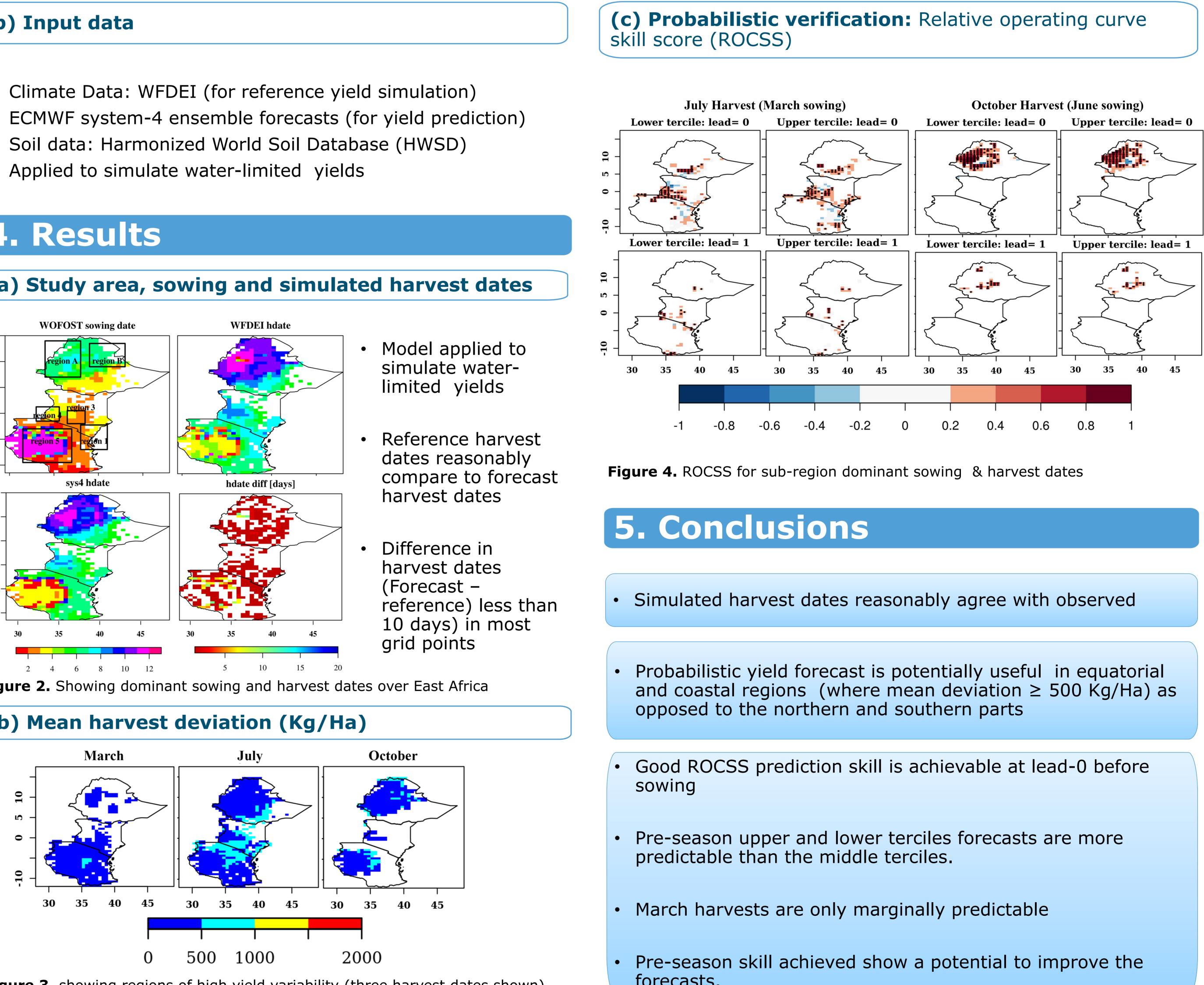


Figure 3. showing regions of high yield variability (three harvest dates shown).

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