TAMSAT-ALERT for Impact-Based Forecasting


Session 6: Course review

Learning objectives

1. Explain TAMSAT-ALERT soil moisture and WRSI as a drought impact-relevant metric

2. Understand modelling of soil moisture and WRSI

3. Understanding TAMSAT-ALERT approach to forecasting

4. Ability to interpret TAMSAT-ALERT soil moisture and WRSI forecasts

5. Ability to produce TAMSAT-ALERT forecast plots and/or bulletins

Session 2: Validation of TAMSAT-ALERT

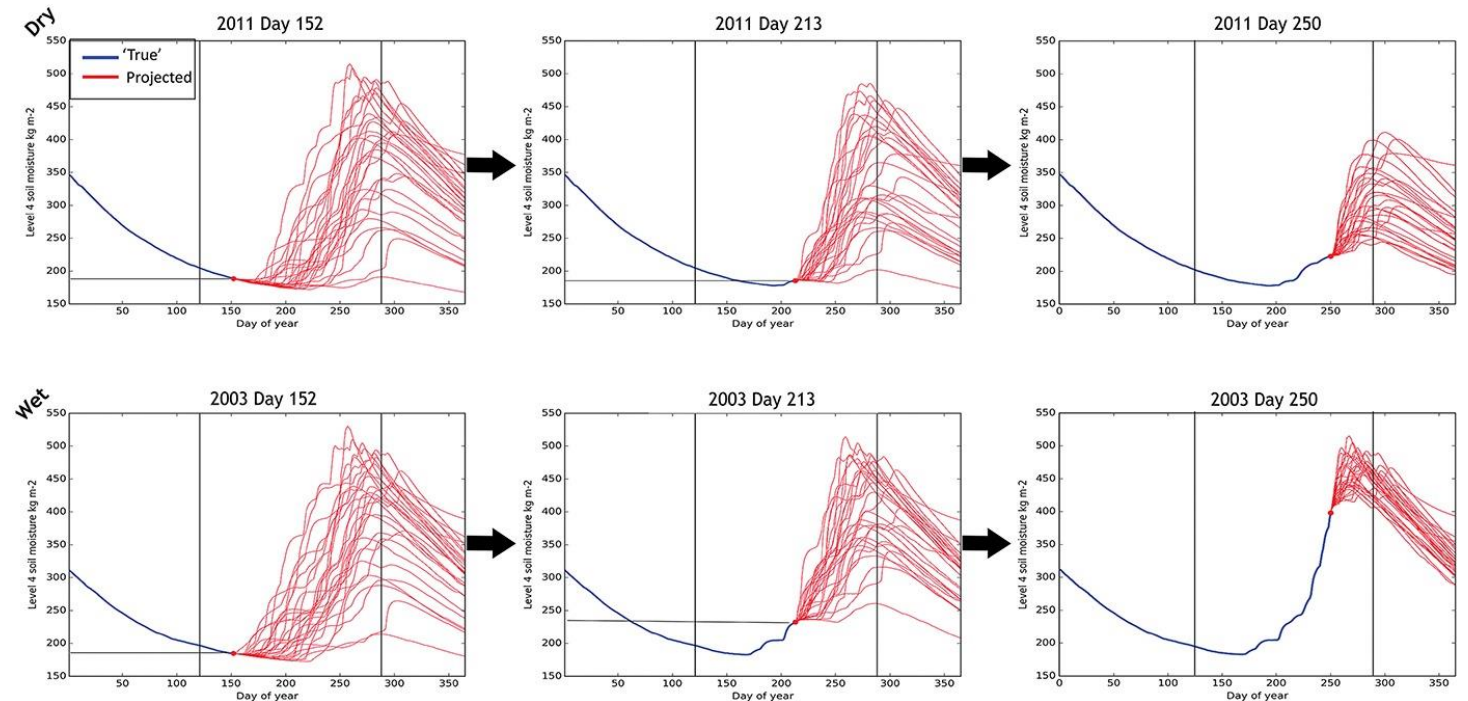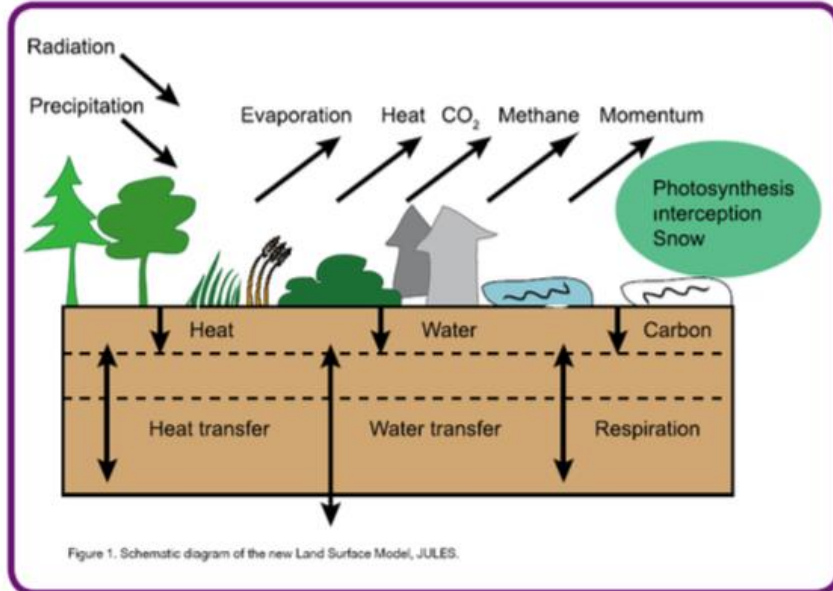1. **Explain TAMSAT-ALERT soil moisture and WRSI as a drought impact-relevant metric**

   - TAMSAT-ALERT soil moisture metrics relate to the impacts of drought

   - TAMSAT-ALERT forecasts provide sufficient lead-time for early action

   - There are caveats associated with the use of TAMSAT-ALERT soil moisture forecasts
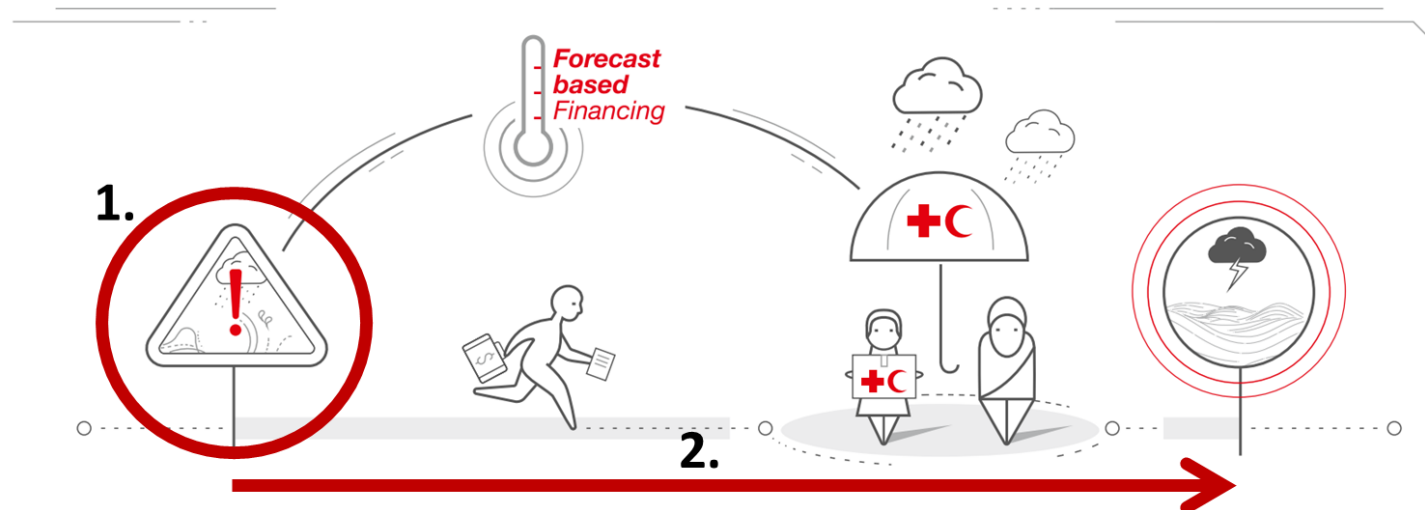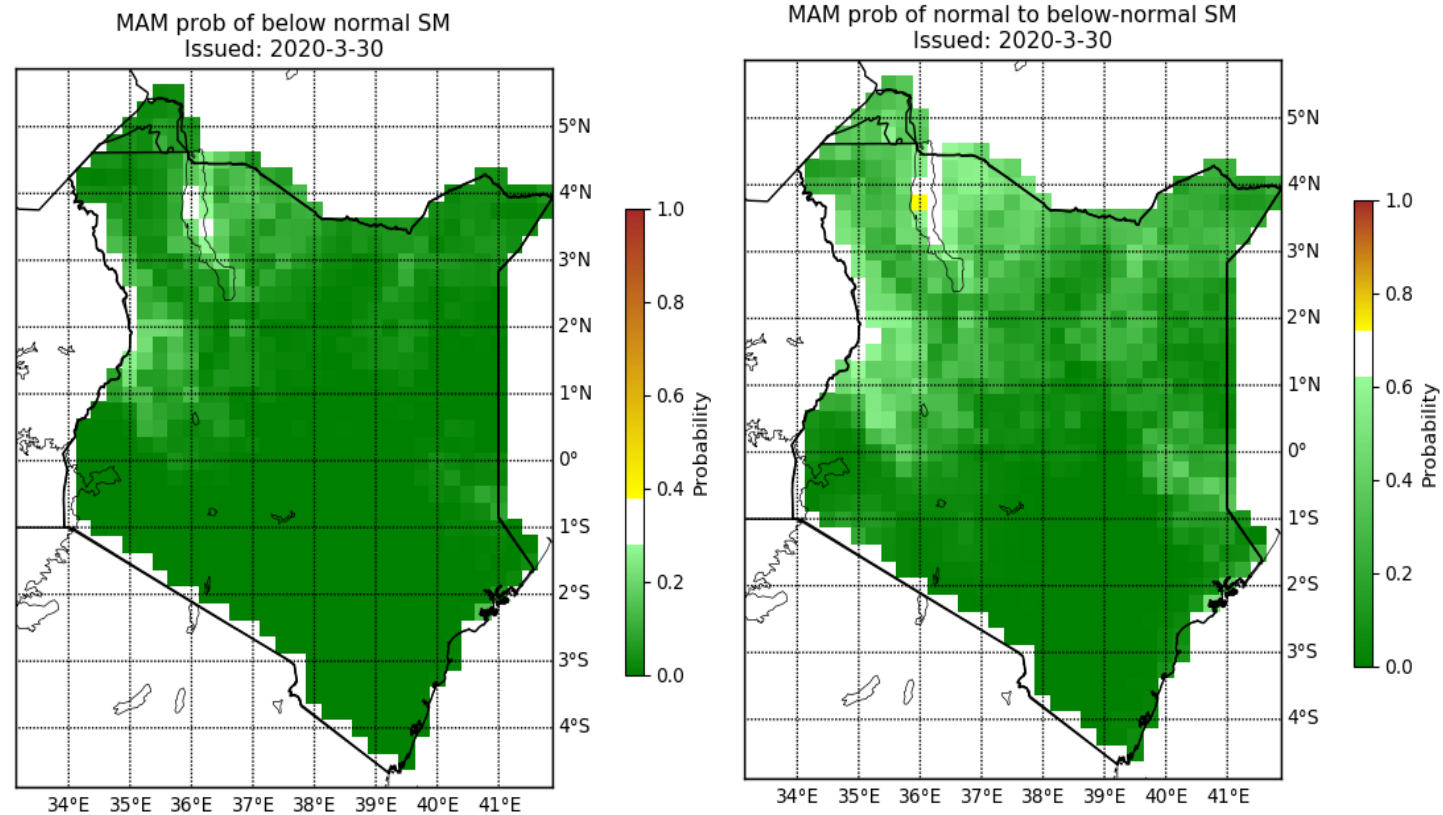
Session 3: TAMSAT-ALERT methodology

2. **Understand modelling of soil moisture and WRSI**

3. **Understanding TAMSAT-ALERT approach to forecasting**

Session 4: Interpreting TAMSAT-ALERT forecasts

4. Ability to interpret TAMSAT-ALERT soil moisture and WRSI forecasts

Session 5: Producing TAMSAT-ALERT forecasts

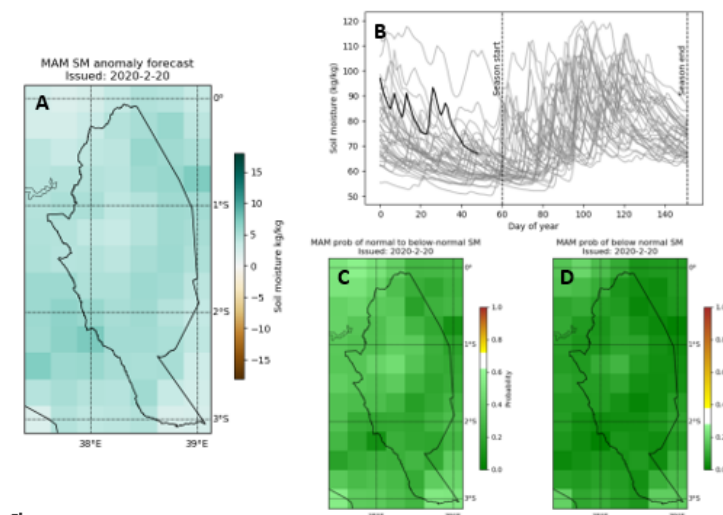5. Ability to produce TAMSAT-ALERT forecast plots
   and/or bulletins

Summary

- From TAMSAT-ALERT methodology to producing your own TAMSAT-ALERT forecasts

- Consider possible applications in your own work

- Thanks for taking part! We hope you enjoyed it!

- Please fill in the feedback form that will be distributed to you