Programme for Validation Workshop
on
Analysing and Validating Crop Capability Prediction Model for Malawi,
Mozambique and Zimbabwe

Place: LILONGWE, Malawi
Date: 24 – 26 November 2021

WORKSHOP DAY 1: Wednesday 24 November 2021			
Time	**Events**	**Responsible**	**Chair**
08:30 – 09:00	**Registration**	Organizers	
09:00 – 09:05	**Welcoming Remarks**	Frank Rutabingwa ((ACPC)	Dr. Frank R. (ACPC)
09:05 – 09:15	**Official Opening**	James Murombedzi (*ACPC*)	
09:15 – 09:45	**Introduction of Participants**	Participants	
09:45 – 10:15	**Introduction to Crop Capability Prediction Model** – Overview of Weather and Climate Information Services and Their Utility for crop Yield Prediction – Concepts and Application – Rationale for using CAMDT – The Key Steps in the CAMDT/DSSAT Analysis	Bradwell Garanganga/ Trymore Nyakutambwa (ACPC)	
10:15 – 10:45	**Discussion**	Participants	
10:45 – 11:15	**COFFEE/TEA BREAK (Group Photo)**		**Organizers**
11:15 – 12:30	**Data and implementation into the model** – Data Collection Framework for Crop Yield Prediction Modelling – Template Specific to CAMDT/DSSAT - Data management: Quality Control and Missing Values	Bradwell Garanganga/ Trymore Nyakutambwa (ACPC)	Dr. Yosef Amha (ACPC)
12:30 – 13:00	**General Discussion**	Participants	
13:00 – 14:00	**Lunch**		**Organizers**
14:00 – 15:00	**Breakout session** - Sub-regional perspective on the applicability of the CAMDT/DSSAT	Participants	Dr. Nassirou Ba (ACPC)
15:00 – 16:00	**Reporting back to plenary**	Participants	
16:00 – 16:30	Coffee/Tea		
16:30 – 17:30	CAMDT/DSSAT Software to be loaded onto participants laptops	Trymore Nyakutambwa	
17:30	End of Day 1		

WORKSHOP Day 2: Thursday 25 November 2021			
Time	**Events**	**Responsible**	**Chair**
09:30 – 10:30	**Introduction to Crop Capability Prediction Model modelling on CAMDT software** – Recap on breakout sessions – Model descriptions (*assumption and uncertainties*) – Model analysis (simulation and validation)	Bradwell Garanganga/ Trymore Nyakutambwa (ACPC)	Dr. Frank R./ P Booneady SADC CSC
10:30 – 11:00	**Coffee/Tea**		
11:00 – 12:00	**Hands on exercise with CAMDT software using data from Malawi** – Steps to follow – Data sources sites; downloading; – Data preparations – Data analysis – Modifications in the original (Rice) model – Running the model – Analysing model results	Bradwell Garanganga/ James P (ACPC)	Dr. Nassirou B./ P Booneady SADC CSC
12:00 – 13:00	**Hands on exercise with CAMDT software using data from Mozambique** – Data sources sites; – downloading; – Data preparations – Data analysis – Modifications in the original (Rice) model – Running the model – Analysing model results	Bradwell Garanganga/ Jonas Z. (ACPC)	Dr. Yosef A./ P Booneady SADC CSC
13:00 - 14:00	**Lunch**		
14:00 – 15:00	**Hands on exercise with CAMDT software using data from Zimbabwe** – Data sources sites; – downloading; – Data preparations – Data analysis – Modifications in the original (Rice) model – Running the model – Analysing model results	Bradwell Garanganga/ Trymore Nyakutambwa (ACPC)	Dr. James M./ P Booneady SADC CSC
15:00 – 16:00	**Discussion/Q & A**		
16:00 – 16:30	**Coffee/Tea**		
16:30 – 17:30	**Techniques for synthesizing data for current seasonal climate forecasting** – Observed data – Synthesized data – Forecast data – Simulation horizon set up	Bradwell Garanganga/ Trymore Nyakutambwa (ACPC)	Mr. Frank R.
17:30 -	**End of second day**		

WORKSHOP Day 3: Friday 26 November 2021			
Time	**Events**	**Responsible**	**Chair**
09:30 - 10:00	**Recap of second day**	Dr. Bradwell G.	Dr. Nassirou Ba
10:00 – 11:00	**Breakout session and feedback** – Workings of the model – Limitations of the model – Potential improvements for country adaptation	All participants	
11:00 – 11:30	**Coffee/Tea**		
11:30 – 12:00	**Reporting back major points on** – Model workability – Limitation – Suggestion for improvement	All Participants	Dr. Frank R
12:00 – 13:00	**General Discussion and Recommendations to facilitate country uptake**		
13:00 – 13:30	**Wrap-up and Vote of Thanks**	Dr. James M	
13:30 -	**Lunch**		
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