

The background is a light blue gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered horizontally and positioned in the upper half of the image.

2ND BREAKOUT SESSION

AGRICULTURE

WORKINGS OF THE MODEL

(Assessment of the Usability of the Model)

ADVANTEGED

- THE DATA MANIPULATION OF 30 YEARS IS ONCE-OFF. ONCE ENTERED, A USER DOES NOT NEED TO REPEAT THE PROCESS. THE USER IS REQUIRED TO ENTER THE 3-MONTH FORECAST.
- THE MODEL RUNS OFFLINE. ONCE CONFIGURED USING THE INTERNET, THE REST OF THE OPERATIONS ARE OFFLINE.

A. CONTINUES

DISADVANTEGES

- THE MODEL REQUIRES TOO MUCH DATA INPUT. IT IS DIFFICULT TO MANIPULATE THE DATA. IT REQUIRES TRAINING FOR SOMEONE TO BE ABLE TO USE THE DATA. THERE ARE TOO MANY PROCESSES FOR SOMEONE TO PRODUCE RESULTS
- A USER NEEDS MORE TIME TO BE FAMILIAR WITH THE MODEL. CAPACITY BUILDING FOR USERS IS A MAST.
- THERE ARE MANY STEPS WITH TOO MANY SOFTWARE AND APPLICATIONS PRODUCE RESULTS. THERE IS A NEED TO SIMPLIFY THE PROCESS.
- THE ANALYSIS OF ONE STATION AT A TIME IS TIME-CONSUMING AND CUMBERSOME

LIMITATION OF THE MODEL

(Assessment of the Limitation of the Model)

- THE MODEL FOCUSES ON CEREALS ONLY
- THE VARIABLES USED ARE NOT FOR THE RESPECTIVE TARGETED COUNTRIES (MALAWI, ZIMBABWE AND MOZAMBIQUE). THE VARIABLES NEED TO BE LOCALIZED
- THERE IS A NEED FOR CAPACITY BUILDING FOR A PERSON TO USE THE MODEL
- THERE IS A NEED TO LOCALIZE WEATHER AND CLIMATIC DATA.
- THE MODEL DOESN'T ALLOW DATA WITH GAPS, IF THE DATA HAS GAPS, THE MODEL DOESN'T ACCEPT THE INPUTTED DATA.
- THE MODEL NEEDS THE INTERNET TO DOWNLOAD THE DATA.
- THE MODEL RUNS ON I5, 4, OR ABOVE GIGABYTES COMPUTER.

POTENTIAL IMPROVEMENTS FOR COUNTRY ADAPTATION (Areas that are Feasible to Improve and to What Extent)

- THERE IS A NEED TO USE MORE GROUND DATA, WHERE UNAVAILABLE, THE USERS SHOULD USE THE NEAREST MET STATION AND COMPARE WITH SATELLITE NASA DATA AND EXTRAPOLATE TO THE TARGETED AREA DATA.
- THE MODEL SHOULD INCLUDE LAND MANAGEMENT PRACTICES

MAIN CONCLUSION

- **THE MODEL IS GOOD ESPECIALLY THAT IT GIVES MORE TIME TO FARMERS AND STAKEHOLDERS TO MAKE INFORMED DECISION ON THEIR CHOICE OF ENTERPRISE**
- **CAPACITY BUILDING VERY IMPORTANT IF WE ARE TO FAMILIARIZE OURSELVES WITH THE MODEL**