

## Training Agenda “Tackling Climate Change in Agriculture: Approaches to Adaptation and Climate Smart Agriculture in the SADC Region”

18-22 June 2018

Faculty of Agriculture, University of Mauritius, Reduit

### Objectives

- To understand and apply the concepts of climate change adaptation and climate smart agriculture (for agricultural extension and research services)
- To enhance the capacity of officers to address climate change adaptation issues in their work
- To understand the concepts and steps of climate proofing agricultural value chains

### Participants

- Practitioners from agriculture extension services and agricultural research and development in Mauritius

### Trainer Team

- Catalina Berger, Wiebke Foerch, Shane Hardowar

Day 1: Monday, 18 June 2018		
Venue: R Burrenchobay Lecture Theatre, UoM Campus		
Time	Topic	Presenter / Moderator
RBLT		
8h30-9h00	Registration (RBLT)	
9h15-9h20	Welcome	Shane Hardowar, Senior Lecturer, Faculty of Agriculture, University of Mauritius
9h20-9h30	Address	Associate Professor Sudesh Puchooa, Dean, Faculty of Agriculture, University of Mauritius
09h30-9h45	Welcome Address and Launching	Professor Dhanjay Jhurry, CSK Vice Chancellor, University of Mauritius
9h45-10h00	<b>Keynote speech:</b> Regional Agricultural Policy (RAP) support to Climate Change Adaptation in the SADC Region	Dr. Simon Mwale, Acting Executive Director, CCARDESA; Dr. Wiebke Foerch, Programme Advisor, SADC GIZ Programme Adaptation to Climate Change in Rural Areas in Southern Africa (ACCRA)

10h00	<b>Presentation 1:</b> CCARDESA Information, Communication and Knowledge Management	Chandrabose Sembhoo, Senior Extension Officer, Information Unit, Food and Agricultural Research Extension Institute (FAREI), national focal point for CCARDESA knowledge management system
10h30	<b>Coffee Break and Souvenir photo</b>	
<b>Room 3.1</b>		
11h00	Presentation of participants and outline of the course	Catalina Berger, Independent Consultant, Germany
12h00	<b>Presentation 2:</b> Thematic introduction: climate change, adaptation, mitigation incl. Q&A	Catalina Berger
13h00	<b>Lunch break</b>	
14h00	<b>Presentation 3:</b> CC projections and impacts in SADC (with focus on Mauritius) and importance of climate services for agriculture Q&A	Professor Sunita Facknath, Faculty of Agriculture, University of Mauritius
15h00	<b>Presentation 4:</b> Agriculture: victim and culprit of climate change and adaptation options incl. Q&A	Dr. Wiebke Foerch
16h00	<b>Coffee break</b>	
16h15	Presentation of case studies and composition of working groups	Food and Agricultural Research and Extension Institute (FAREI)
16h45	Conclusions and take away messages of the day	Dr Wiebke Foerch

### Day 2: Tuesday, 19 June 2018

Time	Topic	Presenter / Moderator
8h30	Registration, opening and programme of the day	
8h45	<b>Presentation 5:</b> Introduction to Climate-Smart Agriculture: technologies, practices and strategies incl. Q&A	Wiebke Foerch / Shane Hardowar
9h45	Exposé: concept and steps of Climate Proofing	Catalina Berger
10h15	<b>Coffee break</b>	
10h45	<b>Climate Proofing Module A: evaluating present and future risks – Part 1 (present)</b>	Catalina Berger
11h45	<b>Presentation 6:</b> Nutrition-sensitive planning in agriculture under climate change incl. Q&A	Dr Simbarashe Sibanda, Managing Director, ATONU project, FANRPAN
12h45	Action learning: Risk functions	Catalina Berger

13h00	<b>Lunch break</b>	
14h00	Energizer	Catalina Berger
14h30	Ctd – <b>Part 2 (future)</b>	Trainer team
15h20	<b>Coffee break</b>	
15h50	<b>Presentation 7:</b> Impacts of Climate change on aquatic systems and fisheries incl. Q&A	Dr Satyam Bhoyroo, Lecturer/Mr Nadeem Nazurully, Lecturer, Dept: Agricultural and Food Science, University of Mauritius
16h45	Conclusions and take away messages of the day	Wiebke Foerch

### Day 3: Wednesday, 20 June 2018

Time	What	Presenter / Moderator
8h30	Registration, opening and programme of the day	Shane Hardowar
8h45	Module A: Presentations of results in plenary and Q&A/feedback	Group members
9h30	Action learning: Dimensions of adaptation options	Catalina Berger
9h45	<b>Climate Proofing Module B: identifying adaptation options</b>	Catalina Berger
<b>10h30</b>	<b>Coffee break</b>	
11h00	<b>Presentation 8:</b> Gender and climate change/CSA	Wiebke Foerch
12h00	Preparation of excursion	Shane Hardowar
<b>12h30</b>	<b>Lunch break</b>	
<b>13h30 – 17:30</b>		
<b>EXCURSION:</b>		
<b>Sheltered farming at Plaine Magnien, Grand Port to mitigate small farmers and young entrepreneurs against adverse climatic conditions</b>		

#### Day 4: Thursday, 21 June 2018

Time	Topic	Presenter / Moderator
8h30	Registration, opening and programme of the day and recap of excursion	Trainer team
8h45	<b>Presentation 9:</b> Strategies in sustainable intensification of livestock and its role in climate smart agriculture in tropical areas incl. Q&A	Kamlesh Boodhoo, Lecturer, Animal Production and Systems (APS), Faculty of Agriculture, University of Mauritius
9h45	<b>Climate Proofing Module C - Selecting adaptation measures</b>	Catalina Berger/participants
<b>10h15</b>	<b>Coffee break</b>	
10h45	<b>Climate Proofing Module C – ctd.</b>	Catalina Berger/participants
12h00	<b>Presentation 10:</b> Protected culture: an alternative for farmers to adapt to climate change incl. Q&A	Navindra Boodia, Senior Lecturer, Crop Production, APS
<b>13h00</b>	<b>Lunch break</b>	
14h00	Energizer	Catalina Berger
14h15	Preparing final group presentations	Participants
<b>15h15</b>	<b>Coffee break</b>	
15h45	<b>Presentation 11:</b> Climate change with a value chain perspective incl. Q&A	Dr Brinda Ramasawmy, Senior Lecturer, Agribusiness Management and Agri-food Value Chain Analysis
16h45	Reflections of the day	

#### Day 5: Friday, 22 June 2018

Time	Topic	Presenter / Moderator
8h30	Registration, opening and programme of the day	Shane Hardowar
8h45	<b>Presentation 12:</b> Carbon footprint in agriculture	Professor B Lalljee, AFS, Faculty of Agriculture, University of Mauritius
<b>10h00</b>	<b>Coffee break</b>	
10h30	<b>Group Presentations</b> and discussion of results	Participants
11h45	Elaboration of action plans (1 per group)	Participants
<b>12h30</b>	<b>Lunch</b>	
13h30	<b>Energizer</b>	

14h00	Reflections and conclusions on the climate proofing approach	Catalina Berger
15h15	<b>Coffee break</b>	
15h45	Evaluation, final remarks, next steps	Wiebke Foerch
16h00	Official closure and certificates	Shane Hardowar/Dean (FOA)
16h45	<b>Closure</b>	