

## Report on the Training Workshop on Climate Field School



The Department of Agriculture, Ministry of Agriculture & Livestock, Bhutan organized a Training Workshop on Climate Field School from 31 March to 2nd April 2025. 29 participants from the officers Agriculture Research and Development Centres, National Plant Protection Centre, National Soil Services Centre and Extension Officers, Bhutan attended the workshop.

The training workshop started with the brief introduction of the participants followed by the address of Mr. Tshering Wangchen, Principal Agriculture Officer, Agrometeorology Program, Agriculture Research and Innovation Division, Department of Agriculture, Ministry of Agriculture and Livestock., Bhutan. Mr. Tshering gave a background of organising the training workshop. Kindly find enclosed the agenda of the training workshop.

During the training workshop, I delivered three presentations on different aspects of Climate Field School. The title of the presentations are as follows.

1. Conceptual Framework of Climate Field School (CFS)
2. Activities at different stages of Climate Field School
3. Proposed methodologies for implementation of Climate Field School in Bhutan

Besides, on the third day of the workshop, we arranged “Hands on Exercises” for the participants. All the participants were asked to solve the problems which are the integral part of the Climate Field School. Moreover, the participants were asked to presents the answers of the problems.

On the second day, lectures were arranged on the following areas.

1. Demonstration of Agromet Products, ADSS Backend, Landing Page, Mobile App by Tshering Pem and Tshering Wangchen
2. Medium to Extended Range Weather Forecasting and Seasonal Weather Forecasting by Ms. Monju Subba, NCHM, Bhutan
3. *Overview of Climate Data and Climate Change Trends in Bhutan*, Sources of Climate Data – National and International Perspectives and Climate Data Collection, Processing, and Interpretation by Mr. Ugyen Chophel, NCHM

Overall, the training workshop was organised successfully and it seems the participants gained in-depth knowledge on concept, activities, and mechanism of implementation of Climate Field School in Bhutan.

## Workshop on Climate Field School

**31<sup>st</sup> March to 2<sup>nd</sup> April, 2025, AGENDA, Venue: Hotel Druk, Phuntsholing**

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### Day 1: Understanding the Climate Field School Concept

*Objective:* Familiarize participants with the Climate Field School framework, its importance, and how it integrates with agromet services.

Time	Activity	Responsible
09:00-09:15	Registration	
09:15 - 09:20	Opening Remarks & Objectives of the Workshop	Tshering Wangchen
9:20 – 9:30	Introduction of participants	All
09:30 - 10:45	<i>Session 1:</i> Conceptual Framework of Climate Field School (CFS)	Dr. Nabansu (Virtual)
10:30 – 11:00	Tea Break and Group Photo	Tshering Pem
11:00 - 1:00	Contd: Conceptual Framework of Climate Field School (CFS)	Dr. Nabansu (Virtual)
1:00 - 02:00	Lunch Break	
02:00 - 3:30	<i>Session 3:</i> Activities at different stages of Climate Field School	Dr. Nabansu (Virtual)
03:30 - 04:00	Tea Break	
04:00 - 04:55	<i>Session 4:</i> Contd (Activities at different stages of Climate Field School)	Dr. Nabansu (Virtual)
04:30 - 05:00	Wrap-Up & Reflection	

### Day 2: Training on Climate and Weather Services/Agromet Products

*Objective:* Equip participants with hands-on skills in climate advisory services, farmer training techniques, and field demonstrations.

Time	Activity	Responsible
09:00 - 09:15	Recap of Day 1 & Expectations for Day 2	

<b>09:00 - 10:30</b>	<i>Session 5: Demonstration of Agromet Products</i> *ADSS Backend *Landing Page *Mobile App	Tshering Pem and Tshering Wangchen
<b>10:30 - 11:00</b>	Tea Break	
<b>11:00 - 11:45</b>	<i>Session 6: Medium to Extended Range Weather Forecasting</i>	Ms. Monju Subba (Virtual)
<b>11:45 – 12:00</b>	<i>Seasonal Forecasting</i>	Ms. Monju Subba (Virtual)
<b>12:00 - 01:00</b>	<i>Overview of Climate Data and Climate Change Trends in Bhutan</i>	Mr. Ugyen Chophel NCHM
<b>1:00 – 2:00</b>	Lunch Break	
<b>02:00 - 03:00</b>	<i>Session 7:</i> <ul style="list-style-type: none"> <li>Sources of Climate Data – National and International Perspectives</li> </ul>	Mr. Ugyen Chophel NCHM
<b>03:00 - 03:30</b>	Tea Break	
<b>03:30 - 04:30</b>	<i>Session 8: Climate Data Collection, Processing, and Interpretation</i>	Mr. Ugyen Chophel NCHM
<b>04:30 - 05:00</b>	Reflection & Discussion	

### Day 3: Action Planning & Capacity Building

*Objective:* Guide participants on developing an implementation strategy and action plan for setting up Climate Field Schools

Time	Activity	Responsible
<b>09:00 - 09:30</b>	Recap of Day 2 & Expectations for Day 3	All
<b>09:00 - 10:30</b>	<ul style="list-style-type: none"> <li><i>Session 9:</i> Proposed methodologies for implementation of Climate Field School in Bhutan</li> </ul>	Dr. Nabansu (World Bank)
<b>10:30 - 10:45</b>	Tea Break	
<b>10:45 - 1:00</b>	<i>Session 10:</i> Contd (Proposed methodologies for implementation of Climate Field School in Bhutan)	Dr. Nabansu (World Bank)
<b>1:00 - 02:00</b>	Lunch Break	
<b>02:00 - 03:30</b>	Hands on exercises on Climate Field School	Dr. Nabansu (World Bank)
<b>03:30 - 04:00</b>	Tea Break	
<b>04:00 - 04:30</b>	Climate Field School Plans	
<b>4:30 – 4:45</b>	Feedback	
<b>04:45 - 04:50</b>	Closing Remarks	
<b>4:50 – 5:00</b>	End of the training Workshop	



# List of the Participants



REGISTRATION  
Climate Field School Training Workshop  
Venue: Hotel Druk, Phuentsholing (31<sup>st</sup> March - 2<sup>nd</sup> April 2025)

Sr No	Name	Designation/Agency	Email ID /Contact no	Signature		
				31 <sup>st</sup> March 2025	1 <sup>st</sup> April 2025	2 <sup>nd</sup> April 2025
1	Kinley Namgy	DAO	kinleynamgy@gmail.com			
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15	Bandana Subba	"	bandanaibbca1999@education.gov.bt			
16	Tshering Pem	Sr. Horti. Officer, DAF	tsheringpem@gmail.com			
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28	Retu Kinley	AS ARDC Sengkhor	retu@gmail.com			



29	Tshering Wangchen	PAO, ARDC, DAF	tsheringwangchen@gmail.com			
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