

## Programme

### DAY 1 – 2 February 2026, Monday

#### Supporting NDC 3.0 Through Climate Science Information

Time	Topic	Speaker
09:00 – 09:30	Registration	Host institution (ANAMET-TOGO)
Session 1 09:30 – 10:00	<b>Welcome and introduction</b> <ul style="list-style-type: none"> <li>Welcome Speech</li> <li>Opening Remarks</li> <li>Group photo</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF) <ul style="list-style-type: none"> <li>Mr Latifou Issaou, PR of Togo with WMO</li> <li>Senior Director of WMO</li> <li>Representative of participants</li> <li>Local government officials</li> </ul>
Session 2 10:00 – 10:30	<b>Workshop guidance and overview</b> <ul style="list-style-type: none"> <li>House-keeping announcements</li> <li>Tour de Table</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF)
<i>10:30 – 11:00 – Coffee break</i>		
Session 3 11:00 – 11:30	<b>Introduction to climate science information for NDC 3.0. Previous experiences: the case of Mozambique</b> <ul style="list-style-type: none"> <li>The WMO-GCF methodology on Climate Science Information for Climate Action</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF)  Ilaria Gallo (WMO Secretariat) – online

	<ul style="list-style-type: none"> <li>How Climate Science Information for Climate Action supports in the development of NDC 3.0</li> <li>Q&amp;A</li> </ul>	
<b>Session 4</b> <b>11:30 – 12:00</b>	<b>Introduction to the workshop</b> <ul style="list-style-type: none"> <li>Introduction to workshop objectives and outcomes and presentation of group-based work</li> <li>The importance of in-situ climate data in climate change analysis</li> <li>DAta REscue efforts in Africa.</li> <li>The importance of climate indices to understand climate trends and extremes.</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF)  Enric Aguilar (WMO Expert)
<p style="text-align: center;"><i>12:00 – 13:30</i> <i>Lunch Break</i></p>		
<b>Session 5</b> <b>13:30 – 15:00</b>	<b>Climpact load data and run quality control</b> <ul style="list-style-type: none"> <li>Introduction to Quality Control</li> <li>Quality control methods for detecting and correcting raw climate data errors</li> <li>Main quality control problems and the importance of local</li> </ul>	Moderator: Moderator: Mariane Diop Kane (WMO RAF)  Enric Aguilar (WMO Expert)

	expertise to distinguish extreme events from errors	
<i>15:00 – 15:30 – Coffee break</i>		
<b>Session 6</b> <b>15:30– 16:30</b>	<b>Group-work activity – Load Data and Run Quality Control</b> <ul style="list-style-type: none"> <li>Discussion on data brought by the participants and additional data sources</li> <li>Participants access Climpact on-line or desktop and other software (e.g. R).</li> <li>Participants will work in breakout groups based on their country/sub-region and will discuss key issues in loading data and running quality control (e.g. get the file and discuss the main quality control problems, and discuss any extreme that is not identified in the Climpact QC plots).</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF)  Enric Aguilar, Jon Olano, Antoni Montaña (WMO Expert)
<b>Session 7</b> <b>16:30 – 16:45</b>	<b>Close of the day</b> <ul style="list-style-type: none"> <li>Reflections and key messages from group-work activity and Day 1</li> </ul>	Moderator: Xinrui Wu (WMO Secretariat)  Enric Aguilar (WMO Expert)

**DAY 2 – 3 February 2026, Tuesday**

## Climate Data Quality Control and Assessing Homogeneity

Time	Topic	Speaker
<b>Session 8</b> <b>09:00 – 09:30</b>	<b>Introduction to the checklist for climate services implementation</b> <ul style="list-style-type: none"> <li>Overall information about the checklist</li> <li>How checklist support or provide baseline assessment of climate services capacities</li> <li>Introduction to the dashboard to visualize the checklist</li> </ul>	Moderator: Xinrui Wu (WMO Secretariat)  Nakiete Msemo (WMO Secretariat) online
<b>Session 9</b> <b>09:30 – 09:45</b>	<b>Sources for accessing climate science data and information</b> <ul style="list-style-type: none"> <li>Climate science data portals and information resource hubs for climate action policy, planning, and decision-making</li> </ul>	Xinrui Wu (WMO Secretariat)
<i>09:45 – 10:15 – Coffee break</i>		
<b>Session 10</b> <b>10:15 – 12:00</b>	<b>Assessing homogeneity</b> <ul style="list-style-type: none"> <li>The issue of homogeneity and data consistency for the detection of climate trends and extremes</li> <li>Climate data homogenization (e.g., historical view on climate data treatment)</li> <li>Climate data homogeneity checks and available tools to ensure climate data homogeneity</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF)  Enric Aguilar (WMO Expert)

12:00 – 13:30

*Lunch Break*

<p><b>Session 11</b> <b>13:30 – 15:00</b></p>	<p><b>Group-work activity - Data quality control and homogeneity checks</b></p> <ul style="list-style-type: none"> <li>The activity is on data quality control and homogeneity checks</li> <li>Explaining basic concepts and approaches and on getting the dataset ready</li> <li>Participants will work in breakout groups based on their country/sub-region. They will keep running climate data quality control and check data homogeneity.</li> </ul>	<p>Moderator: Mariane Diop Kane (WMO RAF)</p> <p>Enric Aguilar, Jon Olano, Antoni Montaña (WMO Expert)</p>
<p>15:00 – 15:30 – <i>Coffee break</i></p>		
<p><b>Session 12</b> <b>15:30 – 16:30</b></p>	<p><b>Group-work activity - Data quality control and homogeneity checks Cont.</b></p> <ul style="list-style-type: none"> <li>The activity is on data quality control and homogeneity checks</li> </ul>	<p>Moderator: Mariane Diop Kane (WMO RAF)</p> <p>Enric Aguilar, Jon Olano, Antoni Montaña (WMO Expert)</p>
<p><b>Session 13</b> <b>16:30 – 16:45</b></p>	<p><b>Close of the day</b></p> <ul style="list-style-type: none"> <li>Reflections and Key messages from the group-work activity and Day 2</li> </ul>	<p>Moderator: Xinrui Wu (WMO Secretariat)</p> <p>Enric Aguilar (WMO Expert)</p>

**DAY 3 – 4 February 2026, Wednesday**

## Climate Indices Calculation to Understand Regional and Local Climate Evolution

Time	Topic	Speaker
<b>Session 14</b> <b>09:00 – 09:30</b>	<b>Interpreting and synthesizing past trends, variability, extremes, and future changes in climatic factors</b> <ul style="list-style-type: none"> <li>Climate indices in Climpact: an explanation</li> </ul>	Moderator: Xinrui Wu (WMO Secretariat)  Enric Aguilar (WMO Expert)
<b>Session 15</b> <b>09:30 – 10:00</b>	<b>Climate indices interpretation and correlation</b> <ul style="list-style-type: none"> <li>Interpretation of the statistics provided by Climpact: individual indices, regional aggregates, joint interpretation</li> <li>Understanding uncertainty when building robust climate information</li> <li>Understanding relation with regional climate patterns (e.g. IOD, ENSO, etc)</li> <li>Understanding the relation with sectoral datasets</li> <li>Computing indices from gridded datasets</li> </ul>	Moderator: Xinrui Wu (WMO Secretariat)  Enric Aguilar (WMO Expert)
<i>10:00 – 10:30 – Coffee break</i>		
<b>Session 16</b> <b>10:30 – 12:00</b>	<b>Group-work activity – Climate indices calculation</b> <ul style="list-style-type: none"> <li>The activity is on climate indices calculation.</li> <li>Participants will work in breakout groups based on their country/sub-region and will work on indices calculation.</li> <li>The activity is on climate indices calculation and analysis</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF)  Enric Aguilar, Jon Olano, Antoni Montaña (WMO Expert)

12:00 – 13:30

Lunch break

<b>Session 17</b> <b>13:30 – 15:00</b>	<b>Participants Sharing: National Frameworks of Climate Services in NMHSs</b> <ul style="list-style-type: none"> <li>• Comoros (15min)</li> <li>• Madagascar (15min)</li> <li>• Burkina Faso (15min)</li> <li>• Cameroon (15min)</li> <li>• Rwanda (15min)</li> <li>• Guinea (15min)</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF)  Participants from the invited NMHSs
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15:00 – 15:30 – Coffee break & Shuttle to ANAMET

<b>Session 18</b> <b>15:30 – 16:30</b>	<b>Field Visit to ANAMET</b> <ul style="list-style-type: none"> <li>• Introduce of the operational works in Togo Met</li> <li>• Exchanges and Q&amp;A</li> <li>•</li> </ul>	Moderator: ANAMET  All participants
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## DAY 4 – 5 February 2026, Thursday

### The Relationships Between Climate Patterns and Socio-Economic Changes

Time	Topic	Speaker
<b>Session 19</b> <b>09:00 – 09:30</b>	<b>An overview on future climate</b> <ul style="list-style-type: none"> <li>• Climate Information Platform</li> <li>• Climocast</li> <li>• Other sources of projected Climate Indices</li> </ul>	Moderator: Xinrui Wu (WMO Secretariat)  Enric Aguilar (WMO Expert)

<b>Session 20</b> <b>09:30 – 10:00</b>	<b>Interpreting the climate indices for societal applications</b> <ul style="list-style-type: none"> <li>Present the draft of the climate science analysis report for NDC 3.0 Togo a case study</li> </ul>	Moderator: Xinrui Wu (WMO Secretariat)  Enric Aguilar (WMO Expert)
<b>Session 21</b> <b>10:00 – 10:30</b>	<b>Analyze climate indices and sectoral information</b> <ul style="list-style-type: none"> <li>How to generate reports on potential relationships between climate pattern changes and societal or economic changes</li> <li>How to use climate indices for climate action policy, planning, and decision-making (e.g. such as NDCs or National Adaptation Plans - NAPs).</li> <li>How to interpret the information from checklist and dashboard: Case of Togo and Rwanda – 10min</li> </ul>	Moderator: Xinrui Wu (WMO Secretariat)  Enric Aguilar (WMO Expert)          Nakiete Msemo (WMO Secretariat) - Online
<b>10:30 – 11:00 – Coffee break</b>		
<b>Session 22</b> <b>11:00 – 12:00</b>	<b>Sectoral experience and challenges in developing NDC 3.0</b> <ul style="list-style-type: none"> <li>Challenges and lessons learned in developing NDC 3.0 from priority sectors (agriculture, water, health, energy and forestry)</li> <li>Identifying sector-specific support and expectations for cross-sector cooperation with meteorology sector</li> <li>Q&amp;A</li> </ul>	Moderator: Xinrui Wu (WMO Secretariat)  Invited Speaker from ANAMET



<p><i>12:00 – 13:30</i> <i>Lunch Break</i></p>		
<p><b>Session 23</b> <b>13:30 – 14:30</b></p>	<p><b>Group-work activity – The participants introduce the climate information</b></p> <p>Participants will work in breakout groups based on the different sections to be updated.</p>	<p>Moderator: Mariane Diop Kane (WMO RAF)</p> <p>Enric Aguilar, Jon Olano, Antoni Montaña (WMO Expert)</p>
<p><b>Session 22</b> <b>15:00 – 16:00</b></p>	<p><b>Group-work activity – on the report– Cont.</b></p> <p>The activity is on updating the report presented on Session 6 to Draft 1.</p>	<p>Moderator: Mariane Diop Kane (WMO RAF)</p> <p>Enric Aguilar, Jon Olano, Antoni Montaña (WMO Expert)</p>
<p><b>Session 23</b> <b>16:00 – 16:15</b></p>	<p><b>Plenary reporting and close of the day</b></p> <p>Reflections and Key Messages from the group-work activity and Day 3</p>	<p>Moderator: Mariane Diop Kane (WMO RAF)</p> <p>Jon Olano (WMO Expert)</p>

## DAY 5 – 6 February 2026, Friday

### Apply Climate Science Information and Tools to Develop NDC 3.0

Time	Topic	Speaker
<p><b>Session 24</b> <b>09:00 – 09:30</b></p>	<p><b>Group-work activity – Correlations between climate indices and societal or economic sectors</b></p>	<p>Moderator: Mariane Diop Kane (WMO RAF)</p> <p>Enric Aguilar, Jon Olano, Antoni Montaña</p>

	<ul style="list-style-type: none"> <li>Participants break out into groups working on different sectors (e.g., health, agriculture water, forest, energy etc).</li> </ul>	(WMO Expert)
<i>10:00 – 10:30 – Coffee break</i>		
<b>Session 25</b> <b>11:00 – 12:00</b>	<b>Group-work Reporting and Open Discussion</b> <ul style="list-style-type: none"> <li>Groups report of the summary of the major/interesting trends in indices and a summary of their data and associated problems.</li> <li>Trainers give feedback on the reports</li> <li>Open discussion on the reports</li> </ul>	Moderator: Mariane Diop Kane (WMO RAF)  Participant representatives  Enric Aguilar (WMO Expert)
<i>12:00 – 13:30 Lunch Break</i>		
<b>Session 26</b> <b>13:30 – 14:15</b>	<b>Workshop Wrap-up</b> <ul style="list-style-type: none"> <li>Plenary reflections, participants' feedback on the questionnaire</li> <li>Take-aways and recommendations from the workshop</li> </ul>	Moderator: Enric Aguilar (WMO Expert)  All participants
<b>Session 27</b> <b>14:15 – 14:30</b>	<b>Next steps and further support</b> <ul style="list-style-type: none"> <li>Way forward in developing and implementing NDC for the participating countries</li> <li>WMO future support on climate indices and climate science information</li> </ul>	Moderators: Mariane Diop Kane (WMO RAF)  Enric Aguilar (WMO Expert)
<b>Session 28</b> <b>14:30 – 15:30</b>	<b>Closing ceremony</b>	Moderator: Mariane Diop Kane (WMO RAF)

	<ul style="list-style-type: none"> <li>Closing remarks</li> <li>Certificates hand-over</li> </ul>	<ul style="list-style-type: none"> <li>ANAMET Official</li> <li>ANAMET directors and the trainers team</li> </ul>
15:30 – 16:00 – Coffee break		
END OF THE WORKSHOP		