

**Enhancing CLIMSOF T capabilities for Climate Data
and Metadata Exchange Forum
20 April to 1st May 2009, Lusaka, Zambia**

Provisional Agenda

Expected outcomes of the two weeks workshop:

1. to agree on the needs and priorities for future development of Climsoft, having regard for the requirements for an operational climatology data management system as part of the role and operations of NMHSs of developing countries.
2. to develop a plan with identification of milestones and responsibilities for developing and testing the changes to Climsoft, and ensuring these are implemented in the user NMHSs.
3. to have a group of people trained and equipped to provide advice, support and training for the implementation of Climsoft within their regions.

Week 1

Day 1	
09:00-09:30	Arrival and Registration
09:30-10:00	Opening Ceremony: <ul style="list-style-type: none"> - Welcoming address by WMO Secretariat. - Opening address by the Permanent Representative of Zambia with WMO - Logistics, practical points. Meals, : Hama Kontongomde
10:00-10:30	Coffee break
Session I	CLIMSOF T STATUS AND NEW VERSION <i>Moderator : H. Kontongomde</i>
10:30-11:30	Presentation of Climsoft and its evolution (A. Mhanda/Steve)
11:30-12:00	Lessons learned : General discussion
12:00-14:00	Lunch Break
14:00-14:30	Countries presentations : Achievement, problems encountered, fixing problems suggestions for the new version of Climsoft: <ul style="list-style-type: none"> ▪ Belize ▪ Botswana ▪ Cameroon (Mr. Justin MBAH)
14:30-15:00	
15:00-15:30	
15:30-16:00	Coffee break
16:00-16:30	<ul style="list-style-type: none"> ▪ D. R. of Congo (Mr. Olivier Thamba Umba) ▪ Pacific (Rod Huthinson) ▪ Sri Lanka (Dahanayake A. Jamasinghearachch) ▪ St Vincent (Mrs Joan Williams McDonald)
16:30-17:00	
17:00-17:30	
17:30-18:00	
18:00	End of the day

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Day 2	
	CLIMSOFTE STATUS AND NEW VERSION <i>Moderator : H. Kontongomde</i>
09:00-09:30 09:30-10:00	<ul style="list-style-type: none"> ▪ Uganda (Mrs Fortunata Lubega) ▪ Zambia
10:00-10:30	Coffee break
10:30-11:30	Presentation of ideas on the New version of Climsoft <i>Moderator : Ian Dale</i> <ul style="list-style-type: none"> • New data model, use of XML and .NET (A. Mhanda) • Naming convention, connecting to different database engines e.g. Oracle (A. Barry) • Generating synop messages according to TDCF (S. Machua)
11:30-12:00	Presentation FewsNet
12:00-14:00	Lunch Break
14:00-16:00	<i>Moderator : Rod Hutchinson</i> Discussion on the improvement of Climsoft
16:00-16:30	Coffee Break
16:30-17:30	General Discussion on the improvement of Climsoft (Cont'd)
19:00	Dinner

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Day 3	
SESSION II	ADVANCED TRAINING ON ACCESS AND CLIMSOFT
09:00-10:00	Access and/or Climsoft Climsoft Data Model (Samuel/A. Mhanda)
10:00-10:30	Coffee break
10:30-12:00	Access and/or Climsoft Advanced Queries (Samuel/A. Mhanda) SQL (A. Barry/Samuel)
12:00-14:00	Lunch break
14:00-15:30	Access and/or Climsoft Exercises (Samuel/A. Barry/A. Mhanda)
15:30-16:00	Coffee break
16:00-17:30	Access and/or Climsoft Exercises(Samuel/A. Barry/A. Mhanda)
Day 4	
SESSION II	ADVANCED TRAINING ON ACCESS AND CLIMSOFT (Cont'd)
09:00-10:00	Access and/or Climsoft MySQL Setup (A. Mhanda)
10:00-10:30	Coffee break
10:30-12:00	Access and/or Climsoft Creating Climsoft database in MySQL using scripting (A. Mhanda) ODBC connection to MySQL (A. Mhanda)
12:00-14:00	Lunch break
14:00-15:30	Access and/or Climsoft Exercises(A. Mhanda/Samuel/A. Barry)
15:30-16:00	Coffee break
16:00-17:30	Access and/or Climsoft Exercises(A. Mhanda/Samuel/A. Barry)

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Day 5	
SESSION II	ADVANCED TRAINING ON ACCESS AND CLIMSOFT (Cont'd)
09:00-10:00	Access and/or Climsoft Table Driven Code Forms - TDCF (Samuel)
10:00-10:30	Coffee break
10:30-12:00	Access and/or Climsoft Generating CREX message in Climsoft (Samuel) Generating CLIMAT message in Climsoft (A. Mhanda)
12:00-14:00	Lunch break
14 :00-15 :30	Access and/or Climsoft Exercises (Samuel/A. Mhanda/A. Barry)
15:30-16:00	Coffee break
16:00-17:30	Access and/or Climsoft Exercises (Samuel/A. Mhanda/A. Barry)
19:00	Dinner

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Week 2

Day 1 Monday,	
SESSION II	ADVANCED TRAINING ON ACCESS, AND CLIMSOFr (Cont'd)
09:00-10:00	Introduction to Hypertext Markup Language - HTML (A. Mhanda/Samuel)
10:00-10:30	Coffee Break
10:30-12:00	Introduction to Extensible Markup Language - XML (A. Mhanda/A. Barry)
12:00-14:00	Lunch Break
14:00-15:30	Introduction to Extensible Markup Language - XML (A. Mhanda/A. Barry)
15:30-16:00	Coffee Break
16:00-17:30	Exercises (A. Mhanda/A. Barry/Samuel)

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Day 2	
SESSION III	INTEGRATION OF CLIMATE DATA HOMOGENIZATION SOFTWARE AND CLIMATE CHANGE INDICES SOFTWARE WITHIN CLIMSOF T <i>Moderator: H. Kontongomde</i>
09:00-10:30	Input from Congo workshop A. Mhanda, A. Barry , J. Mbah, O. THAMBA UMBA
10:30-11:00	
11:00-12:30	Input from Vietnam workshop A. Mhanda, A. Barry Dahanayake Ananda from Sri Lanka
Day 3	
All day	Exchanging Climate Data through CLIMSOF T <i>Moderator : S. Palmer</i> WIS Issues WIS Project (Christian Eliot) Metadata requirements (J. Shortridge) Presentation of project concept (A. Mhanda)
Day 4	
Morning session	CLIMSOF T-WIS Project definition Coordinator : <i>S. Palmer</i> - Side Work on the Project
Afternoon	Free Afternoon
Day 5	
Morning session	CLIMSOF T-WIS Project definition - Side Work on the Project - Presentation of the Project
11:00-11:20	Closure - Break
18:00	Informal Dinner