The Abdus Salam International Centre for Theoretical Physics

Joint AAP-ICTP Activity on Special Training for UNDP African Adaptation Programme on building and using data servers for adaptation studies

Cosponsor(s): UNDP/AAP Project
Director(s): Dr. C. Onime (ICTP, Trieste, Italy), Dr. Joseph Intsiful (UNDP/AAP, Dakar, Senegal)
Organizer(s): Dr. C. Onime (ICTP, Trieste, Italy) and Dr. S. Cozzini (CNR/IOM Democritos, Italy)
Local Organizer(s): S. Cozzini (CNR/IOM Democritos, Italy)
Trieste - Italy, 16 - 27 May 2011

Final programme

Day 1: opening session (Room:Adriatico Guest House Denardo Lecture Hall)

16 May 2011

10:00 - 10:30	**Joseph Intsiful - Clement Onime** / *UNDP/AAP - ICTP* **OPENING and WELCOME Adriatico Guest House Denardo Lecture Hall**
10:30 - 11:00	--- Coffee Break ---
11:00 - 11:45	**Joseph Intsiful** / *UNDP/AAP* **AAP overview and Approach to Climate Data and Information Management for long-term Adaptation planning**
11:45 - 12:30	**Stefano Cozzini - Gilberto Diaz** / *CNE/IOM - Universidad de los Andes* **Introduction to storage for climate data**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Moreno Baricevic/ Iztok Gregori /Fred** / *CNR/IOM* **Demo/hands on installing climate server**
16:00 - 16:30	--- Coffee Break ---

16:30 - 17:30 **Moreno Baricevic/ Iztok Gregori** / *CNR/IOM*
Demo/hands on installing climate server

17:30 - 18:00 --- Moving to Main Bulding for welcome session of activity 2238 ---

17:30 - 18:45 (Room: Leonardo da Vinci Building, Lobby)
Registration / Administrative Formalities

Day 2: role of e-infrastructure for climate change (Room:Leonardo da Vinci Building Main Lecture Hall)

Day 3: role of e-infrastructure for climate change (Room:Leonardo da Vinci Building Main Lecture Hall)

Day 4: Hands on on Installing and configuring computational server (Room:Adriatico Guest House Denardo Lecture Hall)

19 May 2011

09:00 - 10:30 **tutors: Moreno Baricevic/Iztok Gregori** / *CNR/IOM Democritos*
Hands on setting hardware RAID

10:30 - 11:00 --- Coffee Break ---

11:00 - 12:30 **tutors: Moreno Baricevic/Iztok Gregori** / *CNR/IOM Democritos*
Hands on installing and configuring O.S.

12:30 - 14:00 --- Lunch Break ---

Day 4: RegCM tutorial part I (Room:Adriatico Guest House Informatics Lab.)

19 May 2011

09:00 - 09:45 **Graziano Giuliani** / *ICTP*
Introduction to RegCM4.1 package: (part I)

09:45 - 10:30 **RegCM4 Team** / *ICTP*
hands on Installing RegCM4.1 package:

10:30 - 11:00 --- Coffee Break ---

11:00 - 11:45 **Graziano Giuliani** / *ICTP*
hands on setting up and running RegCM4.1 Simulation

11:45 - 12:30 **RegCM team** / *ICTP*
hands on postprocessing RegCM4.1 data

12:30 - 14:00 --- Lunch Break ---

Day 4: RegCM/Data tutorial joint session (Room:Adriatico Guest House Informatics Lab.)

19 May 2011

14:00 - 15:30	**Don Murray** **IDV Visualization tools**
15:15 - 15:45	--- Coffee Break ---
15:45 - 17:45	**Don Murray** **hands on IDV Visualization tools**

Day 5: RegCM tutorial part II (Room:Adriatico Guest House Informatics Lab.)

20 May 2011

09:00 - 09:45	**Graziano Giuliani** / *ICTP* **Advanced Postprocessing/Visualization of RegCM data**
09:45 - 10:30	**RegCM4 Team** / *ICTP* **Advanced usage of RegCM: CLM Band Chemistry..**
10:30 - 11:00	--- Coffee Break ---
11:00 - 11:45	**Graziano Giuliani** / *ICTP* **Validation procedures for RegCM simulation**
11:45 - 12:30	**Stefano Cozzini** / *CNR/IOM* **Using RegCM4.1 on different computational infrastructure**
12:30 - 14:00	--- Lunch Break ---

Hands on on Installing and configuring computational server (Room:Adriatico Guest House Denardo Lecture Hall)

20 May 2011

09:00 - 10:30	**tutors: Moreno Baricevic/Iztok Gregori** / *CNR/IOM Democritos* **Hands on installing and configuring software stacks (compilers/libraries/local resource managers etc..)**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**tutors: Moreno Baricevic/Iztok Gregori** / *CNR/IOM Democritos* **Hands on configuring/managing UPS alerts**
12:30 - 14:00	--- Lunch Break ---

Day 5: RegCM/Data tutorial joint Session (Room:Adriatico Guest House Informatics Lab.)

20 May 2011

14:00 - 15:30	**Don Murray** **Introduction to THREDDS server**
15:30 - 16:00	--- Coffee Break ---

16:00 - 17:30	**Don Murray** **hands on THREDDS server**
17:30 - 18:30	**free hands-on session**

free time (**Saturday**)

free time (**Sunday**)

Day 6: Tools for data management (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

23 May 2011

09:00 - 10:30	**Don Murray** **Introduction to RAMADDA (I)**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**Don Murray** **hands on RAMADDA (I)**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Don Murray/Tyanko Aleksievic** / *ICTP* **hands on installing RAMADDA/THREDDS on computational server**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**free hands on session installing RAMADDA/THREDDS on computational server**

Day 7: Other Computational/Data tools for AAP program (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

24 May 2011

09:00 - 09:45	**Joseph Intsiful** / *AAP/UNDP* **Conceptual design of AAP integrated geo-spatial database (I)**
09:45 - 10:30	**Joseph Intsiful** / *AAP/UNDP* **Conceptual design of AAP integrated geo-spatial database (II)**
10:30 - 11:00	--- Coffee Break ---
11:00 - 11:45	**Don Murray** **Advanced Usage of Unidata tools (I)**

11:45 - 12:30	**Don Murray** **Advanced Usage of Unidata tools (II)**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Joseph/Fred** / *AAP/UNDP* **hands on geo-spatial databases**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**hands on advance usage of Unidata tools**

Day 8: Tools for data management (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

25 May 2011

09:00 - 10:30	**Joseph Intsiful** / *AAP/UNDP* **IDV Hands-on with ENSEMBLES datasets**
10:30 - 11:00	--- Coffee Break ---
11:00 - 11:45	**To be assigned**
11:45 - 12:30	**To be assigned**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**Moreno/Iztok/Tyanko/Fred** **final hands on session in installing a complete AAP computational server (I)**
16:00 - 16:30	--- Coffee Break ---
16:30 - 18:30	**Moreno/Iztok/Tyanko/Fred** **final hands on session in installing a complete AAP computational server (II)**

Day 9: Working groups (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

26 May 2011

09:00 - 10:30	**facilitator: Stefano/Joseph** / *AAP/UNDP* **Individual Work**
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:30	**facilitator: Stefano/Joseph** **Individual Work**
12:30 - 14:00	--- Lunch Break ---
14:00 - 16:00	**facilitators: Tyanko/Fred** **free hands-on sessions**
16:00 - 16:30	--- Coffee Break ---

16:30 - 18:30	**facilitators: Tyanko/Fred** **free hands-on sessions**

Day 10: closing session (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

27 May 2011

09:00 - 09:15	**Joseph Intsiful** / *AAP/UNDP* **Introduction to the session**
09:15 - 10:30	**Presentation by participants** Participant Country are supposed to present their implementation plans
10:30 - 11:00	--- Coffee Break ---
11:00 - 12:15	**Presentation by participants** Participant Country are supposed to present their implementation plans
12:15 - 12:30	**Stefano Cozzini/Joseph Intsiful** **Closing session**