

Collaborative Project



CLIM-RUN

Climate Local Information in the Mediterranean
region Responding to User Needs



WP 9 – Training and dissemination of final results
Task 9.3 - Organization of training workshop no.2

Deliverable 9.3

training workshop report

Project No. 265192– CLIM-RUN

Start date of project: 1st March 2011

Duration: 36 months

Organization name of lead contractor for this deliverable: The Abdus Salam International Centre for Theoretical Physics (ICTP)

Due Date of Deliverable: month 31 (Dec 2013)

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Authors: Erika Coppola coppolae@ictp.it



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1. Description

Title : 2nd CLIM-RUN School- Building two-way communication: A week of Climate Services

Start Time: 2 **December** 2013 **Ends On:** 6 **December** 2013

Location: ICTP, Trieste - Italy

Venue: AGH Giambiagi Lecture Hall

Directors: Erika Coppola, ICTP, Italy ; Paolo Ruti, ENEA, Italy

This workshop was focused on the question: can a stakeholder learn how to use climate services and can a climate scientist learn how to produce suitable research products for climate services?

Traditionally there has always been a gap between the usual products that the scientific climate community produces and what is suitable for using by stakeholders. This problem is beginning to be addressed by the scientific community at several levels. The EU-funded project CLIM-RUN, for example, has been shaped to initiate a possible climate service network for the Mediterranean area starting from a bottom-up approach which directly involves stakeholders from the beginning.

This workshop was providing an innovative and interdisciplinary arena in which to explore how these two different communities can meet and interact. As in the CLIM-RUN project, the school did adopt a bottom-up, stakeholder-led approach so there were:

- Lectures by stakeholders on how to use climate services. Examples taken from the energy sector, tourism sector, forest fires and mega-cities adaptation plan.
- Lecture by a representative of regional met-services on capacity building.
- Lecture by a representative of an existing operational climate service.
- Lecture on communication aspects.
- Lecture on mechanisms for adaptation.
- Lecture on economic assessment.

This was a one-week school for postgraduates and early career research scientists from any discipline and for representatives of the public and private sectors with an interest in climate change and prediction issues. The aim was to ensure a balance of natural and social scientists.

The school was organized with lectures in the morning and computer-based laboratory sessions in the afternoons. The latter were related to the topic covered in the morning session. Students did work together in small interdisciplinary groups throughout the week – supported by the lecturers and technical staff. The students presented their group results from the afternoon sessions at the end of the week.

2. Lecture table

Monday, 2 December 2013 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 09:30	(Room: Adriatico Guest House - Kastler Lecture Hall Area (Lower Level 1)) --- REGISTRATION ---
09:30 - 10:30	E. Coppola / ICTP Presentation of CLIM-RUN Project
10:30 - 11:00	(Room: Adriatico Guest House Cafeteria) --- Coffee Break ---
11:00 - 12:30	A. Caparelli / City of Venice Climate information between planning and emergency: What are the needs for a municipality?
12:30 - 14:00	--- Lunch ---
14:00 - 15:00	(Room: Adriatico Guest House Informatics Lab.) A. Caparelli / City of Venice How to build a plan for climate change action
15:00 - 15:30	(Room: Adriatico Guest House Cafeteria) --- Coffee Break ---
15:30 - 17:00	(Room: Adriatico Guest House Informatics Lab.) A. Caparelli / City of Venice How to build a plan for climate change action

Tuesday, 3 December 2013 (Room:Adriatico Guest House Giambiagi Lecture Hall)

09:30 - 10:30	A. Tompkins / ICTP Use of malaria seasonal forecast in health decision support system in Africa
10:30 - 11:00	(Room: Adriatico Guest House Cafeteria) --- Coffee Break ---
11:00 - 12:30	M. Davis / Catalan Institute of Climate Sciences IC3 Developing climate services for the energy sector
12:30 - 14:00	--- Lunch ---
14:00 - 15:00	(Room: Adriatico Guest House Informatics Lab.) M. Davis / Catalan Institute of Climate Sciences IC3 Visualisation and communication of climate forecast information
15:00 - 15:30	(Room: Adriatico Guest House Cafeteria)

--- Coffee Break ---

15:30 - 17:00 (Room: Adriatico Guest House Informatics Lab.)
M. Davis / *Catalan Institute of Climate Sciences IC3*
Visualization and communication of climate forecast information

Wednesday, 4 December 2013 (Room: Adriatico Guest House Giambiagi Lecture Hall)

09:00 - 10:00 **F. Kucharski** / *ICTP*
From seasonal to decadal up to climate change predictability

10:00 - 10:30 (Room: Adriatico Guest House Cafeteria)
 --- Coffee Break ---

10:30 - 12:30 **C. Cacciamani** / *ARPA - Meteorological Service of Agricultural Development Agency - Emilia Romagna*
Dynamical and statistical downscaling models

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

14:00 - 15:00 (Room: Adriatico Guest House Informatics Lab.)
G. Villani / *ARPA - Agricultural Development Agency - Emilia Romagna*
Study cases developed by ARPA Simc for climate services

15:00 - 15:30 (Room: Adriatico Guest House Cafeteria)
 --- Coffee Break ---

15:30 - 17:00 (Room: Adriatico Guest House Informatics Lab.)
G. Villani / *ARPA - Agricultural Development Agency - Emilia Romagna*
Study cases developed by ARPA Simc for climate services

Thursday, 5 December 2013 (Room: Adriatico Guest House Giambiagi Lecture Hall)

09:00 - 10:00 **M. de Felice** / *ENEA - National Agency for New Technologies, Energy, and Sustainable Economic Development*
Learning from data: data mining approaches for energy and weather/climate applications

10:00 - 10:30 (Room: Adriatico Guest House Cafeteria)
 --- Coffee Break ---

10:30 - 11:30 **S. Torresan** / *CMCC - Euro Mediterranean Centre for Climate Change*
Developing climate risk and adaptation services for coastal zone managers: the CLIM-RUN bottom-up approach

11:30 - 12:30 **V. Gallina** / *CMCC - Euro Mediterranean Centre for Climate Change*
Sea level rise risk assessment and mapping at the regional scale: the case study of the North Adriatic coast

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

- 14:00 - 15:00** (Room: Adriatico Guest House Informatics Lab.)
S. Torresan, V. Gallina, E. Furlan, A. Sperotto / *CMCC-Venice, University of Venice Ca' Foscari*
Application of the DEcision support SYstem for COastal climate change impact assessment (DESYCO)
for the development of climate risk products in the coastal zone of the North Adriatic sea
- 15:00 - 15:30** (Room: Adriatico Guest House Cafeteria)
 --- Coffee Break ---
- 15:30 - 17:00** (Room: Adriatico Guest House Informatics Lab.)
S. Torresan, V. Gallina, E. Furlan, A. Sperotto / *CMCC-Venice, University of Venice Ca' Foscari*
Application of the DEcision support SYstem for COastal climate change impact assessment (DESYCO)
for the development of climate risk products in the coastal zone of the North Adriatic sea

Friday, 6 December 2013 (Room: Adriatico Guest House Giambiagi Lecture Hall)

- 09:00 - 10:00** **M. de Felice** / *ENEA - National Agency for New Technologies, Energy, and Sustainable Economic Development*
Learning from data: data mining approaches for energy and weather/climate applications
- 10:00 - 10:30** (Room: Adriatico Guest House Cafeteria)
 --- Coffee Break ---
- 10:30 - 12:30** **A. Calmanti** / *ENEA - National Agency for New Technologies, Energy, and Sustainable Economic Development*
Climate services and risk management in the food security sector in vulnerable countries
- 12:30 - 14:00** --- Lunch ---
- 14:00 - 16:00** (Room: Adriatico Guest House Informatics Lab.)
M. de Felice / *ENEA - National Agency for New Technologies, Energy, and Sustainable Economic Development*
Learning from data: data mining approaches for energy and weather/climate applications
- 16:00 - 16:15** (Room: Adriatico Guest House Informatics Lab.) Closing

3. Annex 1: Workshop poster



2nd CLIM-RUN School

Building two-way communication: A week of Climate Services

2 - 6 December 2013

Can a stakeholder learn how to use climate services and can a climate scientist learn how to produce suitable research products for climate services?

The school is sponsored by CLIMRUN-FP7 EU project and organized in collaboration with SPECS and EUPORIAS FP7 EU projects.

Traditionally there has always been a gap between the usual products that the scientific climate community produces and what is suitable for using by stakeholders. This problem is beginning to be addressed by the scientific community at several levels. The EU-funded project CLIM-RUN, for example, has been shaped to initiate a possible climate service network for the Mediterranean area starting from a bottom-up approach which directly involves stakeholders from the beginning.

This workshop will provide an innovative and interdisciplinary arena in which to explore how these two different communities can meet and interact. As in the CLIM-RUN project, the school will adopt a bottom-up, stakeholder-led approach so there will be:

- Lectures by stakeholders on how to use climate services. Examples taken from the energy sector, tourism sector, forest fires and mega-cities adaptation plan.
- Lecture by a representative of regional met-services on capacity building.
- Lecture by a representative of an existing operational climate service.
- Lecture on communication aspects.
- Lecture on mechanisms for adaptation.
- Lecture on economic assessment.

This is a one-week school for postgraduates and early career research scientists from any discipline and for representatives of the public and private sectors with an interest in climate change and prediction issues. We aim to ensure a balance of natural and social scientists.

The school is organized with lectures in the morning and computer-based laboratory sessions in the afternoons. The latter will be related to the topic covered in the morning session. Students will work together in small interdisciplinary groups throughout the week – supported by the lecturers and technical staff. The students are expected to present their group results from the afternoon sessions at the end of the week.

Participation:

The school will be conducted in English. Limited funding (including travel grants) for participation is available for scientists from developing countries. No registration fee is required.

How to apply for Participation:

The on-line application form can be accessed via the ICTP activity agenda page at: <http://agenda.ictp.it/smr.php?2554>

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form. Please send all file attachments in PDF format.

Deadline for receipt of applications is 31 August 2013.

Contact Information:

Phone: +39 040 2240 426

Fax: +39 040 2240 449

E-mail: smr2554@ictp.it

ICTP Home page: <http://www.ictp.it>

July 2013

ORGANIZERS

Paolo Ruti
(ENEA, Italy)

Erika Coppola
(ICTP, Italy)

Lecturers to be confirmed

Jean-Paul Ceron
(University of Limoges, France)

Philippe Dandin
(Meteo, France)

Suraje Dessai
(University of Leeds, U.K.)

to be nominated
(CMCC, Italy)

Daniele Paci
(JRC, Sevilla, Spain)

Stefano Micheletti
(ARPA FVG, Italy)

Alessandro Caparelli
(Comune Venezia, Italy)

Application Deadline
31 August 2013

4. Annex 2: Participant list

Total Number of Visitors: 46

No.	NAME and INSTITUTE	Nationality	Function
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DIRECTOR

Total number in this function: 1

1.	COPPOLA Erika	ITALY	DIRECTOR
----	----------------------	-------	-----------------

Permanent Institute:

the Abdus Salam International Centre For Theoretical Physics Earth
System Physics Section
Physics of Weather and Climate Group Strada
Costiera 11
P.O. Box 586 34014
Trieste ITALY
Permanent Institute e mail
coppolae@ictp.it

SPEAKER

Total number in this function: 8

2.	CACCIAMANI Carlo	ITALY	SPEAKER
----	-------------------------	-------	----------------

Permanent Institute:

Ente Regionale di Sviluppo Agricolo Per L'Emilia Romagna Servizio
Meteorologico
Via S. Felice 25 (40122)
Bologna ITALY
Permanent Institute e mail
ccacciamani@arpa.emr.it

3.	CALMANTI Sandro	ITALY	SPEAKER
----	------------------------	-------	----------------

Permanent Institute:

E.N.E.A.
Cre Casaccia
Via Anguillarese 301 Santa
Maria di Galeria 00123 Roma
ITALY
Permanent Institute e mail
sandro.calmanti@enea.it

4.	CAPARELLI Alessandros	ITALY	SPEAKER
----	------------------------------	-------	----------------

Permanent Institute:

Comune Venezia
Palazzo Contarini Del Bovolo Sestiere San



Marco

Calle delle Locande 4299/A 30100 Venezia

ITALY

Permanent Institute e mail

alessandro.caparelli@comune.venezia.it

5. **DAVIS Melanie**

UNKNOWN

SPEAKER

Permanent Institute:

Catalan Institute of Climate Sciences IC3 Dr. Trueta
203
08005 Barcelona
Barcelona SPAIN

Permanent Institute e mail melanie.davis@ic3.cat

6. **DE FELICE Matteo**

ITALY

SPEAKER

Permanent Institute:

Enea Centro Ricerche della Casaccia Via
Anguillarese 301
S. Maria di Galeria 00060
Roma ITALY

Permanent Institute e mail matteo.defelice@enea.it

7. **GALLINA Valentina**

ITALY

SPEAKER

Permanent Institute:

Department of Environmental Sciences University
Ca' Foscari of Venice Dorsoduro 2137
Venezia 30123 ITALY

Permanent Institute e mail valentina.gallina@cmcc.it

8. **TORRESAN Silvia**

ITALY

SPEAKER

Permanent Institute:

Euro Mediterranean Centre for Climate Change CMCC Consorzio Venezia
Ricerche
Viale della Liberta 12 Maghera-
Venezia Venice
ITALY

Permanent Institute e mail torresan@unive.it

9. **VILLANI Giulia**

ITALY

SPEAKER

Permanent Institute:

ARPA Emilia Romagna, Sezione di Bologna Centro
Tematico Regionale Aree Urbane Via Rocchi 19
Bologna 40138 ITALY

Permanent Institute e mail gvillani@arpa.emr.it

PARTICIPANT**Total number in this function: 37****10. BAUDOUIN Jean Philippe**

FRANCE

PARTICIPANT

Present institute:

Permanent Institute:

French national school of meteorology Ecole nationale de la
meteorologie

46, avenue Gaspard Coriolis

31000 Toulouse FRANCE

Permanent Institute e mail

baudouin.jeanphilippe@gmail.com

TEC

38- rue Sénac de meillan Marseille

FRANCE

Present Institute e mail Until baudouin.jeanphilippe@gmail.com
when: 11. **7 February 2014**

12. CINDRIC Ksenija

CROATIA

PARTICIPANT

Permanent Institute:

Meteorological and Hydrological Service of Croatia

IIIIMacRomanIII Gri? 3

10000 Zagreb CROATIA

Permanent Institute e mail

ksenija.cindric@cirus.dhz.hr

13. COSTA Alfredo Jorge

ARGENTINA

PARTICIPANT

Permanent Institute:

Instituto Antartico Argentino - DNA -

Atmospheric Sciences Department Cerrito

1248

1010 Ciudad De Buenos Aires ARGENTINA

Permanent Institute e mail

alpiocosta@gmail.com, alcosta@dna.gov.ar

14. FURLAN Elisa

ITALY

LAB ASSISTANT

Permanent Institute:

University of Venice Ca' Foscari Environmental

Sciences Department Environmental modelling

group Dorsoduro 2137

Venice 30123 ITALY

Permanent Institute e mail

elisa.furlan@unive.it

15. GONDAL Irfan Ahmad

PAKISTAN

PARTICIPANT

Permanent Institute:

Department of Mechanical Engineering College of

Electrical & Mechanical Engineering Peshawar Road

Rawalpindi 46000 PAKISTAN

Permanent Institute e mail

drirfanagondal@gmail.com

16. GONZALEZ REVIRIEGO Nube

SPAIN

PARTICIPANT

Permanent Institute:

Institut Catala de Ciencies del Clima Carrer del
Doctor Trueta, 203 08005 Barcelona
Barcelona SPAIN

Permanent Institute e mail nube.gonzalez@ic3.cat

17. HERNANDEZ GARCES Anel

CUBA

PARTICIPANT

Present institute:

Permanent Institute:

Instituto Superior de Tecnologias y Ciencias Aplicadas, InSTEC Ave
Salvador Allende esq Luaces
10400 La Habana CUBA

ICTP

Strada Costiera 11
34151 Trieste ITALY

Permanent Institute e mail anel20002000@yahoo.com

Until when:

18. 20 December 2013**19. IBRAHIM Muhammad**

PAKISTAN

PARTICIPANT

Permanent Institute:

Department of Environmental Science, Government College University
Faisalabad
GC University Faisalabad
Faisalabad 38000 Punjab
PAKISTAN

Permanent Institute e mail ebrahim.m@gmail.com

20. KAMAVISDAR Anand

INDIA

PARTICIPANT

Permanent Institute:

Climate Change Programme Division Department of
Science & Technology Ministry of Science &
Technology Scientist "D"
Technology Bhavan, New Mehrauli Road New Delhi
110016
New Delhi INDIA

Permanent Institute e mail a.kamavisdar@nic.in

21. KHATIWADA Medha

NEPAL

PARTICIPANT

Permanent Institute:

Asian Institute of Technology
58 Moo 9, Km. 42, Paholyothin Highway
12120 Klong Luong Pathum
Thani THAILAND

Permanent Institute e mail medhakhatiwada@gmail.com

22. **KOMKOUA MBIENDA Armand Joel**

REPUBLIC OF CAMEROON

PARTICIPANT

Permanent Institute:

University of Yaounde I Faculty of
Sciences Ngoa Ekele
812 Yaounde Cameroon
REPUBLIC OF CAMEROON
Permanent Institute e mail

kombiend@yahoo.fr

23. **KUMAR Rajesh**

INDIA

PARTICIPANT

Permanent Institute:

Department of Science & Technology Climate
Change Programme
Technology Bhawan, New Mehrauli Road New
Delhi 110016
Delhi INDIA
Permanent Institute e mail

rajesh38@gmail.com

24. **KWAWU Caroline Rosemyya**

GHANA

PARTICIPANT

Permanent Institute:

Kwame Nkrumah University of Science & Technology Faculty of
Physical Sciences
Department of Chemistry

KNUST
U.P.O Kumasi Ashanti Region
GHANA

Permanent Institute e mail
kwawucaroline@gmail.com

25. **LEMESIOS Ioannis**

GREECE

PARTICIPANT

Permanent Institute:

Institute of Environmental Research and Sustainable Development - National
Observatory of Athens

I. Metaxa & Vas. Pavlou, Lofos Koufou, P. Penteli
15236 Athens

Greece GREECE

Permanent Institute e mail
jlemesios@noa.gr

26. **MAHMOUD Marwa Moatasim Mohammed**

THE REPUBLIC OF SUDAN

PARTICIPANT

Permanent Institute:

Al-Neelain University
School of Physics and Applied Physics Faculty of
Science and Technology Gamhoria Street
P.O. Box 12702 Khartoum
THE REPUBLIC OF SUDAN

Permanent Institute e mail maroosh2010@gmail.com

27. **MALL Rajesh Kumar**

INDIA

PARTICIPANT

Permanent Institute:

INSTITUTE OF ENVIRONMENT & SUSTAINABLE DEVELOPMENT, BANARAS
HINDU UNIVERSITY
CENTRAL OFFICE
Varanasi 221005 U.P.
INDIA

Permanent Institute e mail mall_raj@rediffmail.com

28. **MENSAH Caleb**

GHANA

PARTICIPANT

Permanent Institute:

Kwame Nkrumah University of Science and Technology, College of Science,
Physics Department
KNUST
0233 Kumasi Ashanti
Region GHANA

Permanent Institute e mail calnumic@gmail.com

29. **NKRUMAH Francis**

GHANA

PARTICIPANT

Permanent Institute:

University of Cape Coast School of
Physical Sciences Department of
Physics 00233 Cape Coast
Central Region GHANA

Permanent Institute e mail fraganet92@gmail.com

30. **ONWUEMELE Andrew**

NIGERIA

PARTICIPANT

Permanent Institute:

NIGERIAN INSTITUTE OF SOCIAL AND ECONOMIC RESEARCH NISER
OYO ROAD
Ibadan 234 NIGERIA
NIGERIA

Permanent Institute e mail inofitshout@yahoo.com

31. **PARAJULI Kshitij**

NEPAL

PARTICIPANT

Permanent Institute:

Asian Institute of Technology
58 Moo 9, Km. 42, Paholyothin Highway
12120 Klong Luong Pathum
Thani THAILAND

Permanent Institute e mail kshparajuli@gmail.com

32. PATEL Amitkumar Dilipbhai

INDIA

PARTICIPANT

Permanent Institute:

Department of Mathematics, S.V.National Institute
of Technology Ichchhanath
Surat 395007 Gujarat
INDIA

Permanent Institute e mail ptlamit83@yahoo.com

33. PUTRA Agie Wandala

INDONESIA

PARTICIPANT

Present institute:

Permanent Institute:

Indonesian Meteorological Cimatology & Geophysics Agency
Jl.Angkasa 1 No 2
Kemayoran
Jakarta Pusat 10720
INDONESIA

Permanent Institute e mail agie_wandala@yahoo.co.id

Department of Mathematics, Faculty of Science Chulalongkorn
University,
Sathorn
10330 Bangkok Bangkok
THAILAND

Until when:

34. **31 December 2015****35. QUAGRAINE Kwesi Akumenyi**

GHANA

PARTICIPANT

Permanent Institute:

University of Cape Coast, Ghana Cape
Coast

Central Region GHANA

Permanent Institute e mail starskykwesi@gmail.com, kwesi.quagraine@ucc.edu.gh

36. RAMACHANDRAN Prasannavenkatesh

INDIA

PARTICIPANT

Permanent Institute:

Anna University
Centre for Climate Change & Adaptation Reserach College of
Engineering
Sardar Patel Road, Guindy Chennai
600025
Tamil Nadu INDIA

Permanent Institute e mail prasannavenkatesh.cc@gmail.com

37. REALE Marco

ITALY

PARTICIPANT

Present institute:

Permanent Institute:

Ogs, National Institute of Geophysics and Oceanography Borgo
Grotta Gigante, 42/c
Sgonico ITALY

Permanent Institute e mail mreale@ogs.trieste.it

Ogs , National Institute of Geophysics and Oceanography
Via Valerio 12/1 Trieste
ITALY

Present Institute e mail Until when:

reale.marco82@gmail.com

38. **31 January 2015**

39. ROUSSOS Anargyros

GREECE

PARTICIPANT

Permanent Institute:

National Observatory of Athens NOA

Institute of Environmental Research and Sustainable Development

I. Metaxa and Vas. Pavlou

152 36 P Penteli Athens

Attica

GREECE

Permanent Institute e mail

aroussos@meteo.noa.gr

40. SALIFU Musah

GHANA

PARTICIPANT

Permanent Institute:

National Nuclear Research Institute, Ghana Atomic

Energy Commission Dome block factory

+233 Accra Greater Accra

GHANA

Permanent Institute e mail

geomoba2003@yahoo.com

41. SHAHID Imran

PAKISTAN

PARTICIPANT

Permanent Institute:

Institute of Space Technology Dept. of

Space Sciences

1-Islamabad Highway Islamabad

44000 Pakistan

PAKISTAN

Permanent Institute e mail

imran.shaahid@gmail.com

42. SINGH Narendra

INDIA

PARTICIPANT

Permanent Institute:

Aryabhatta Research Institute of Observational Sciences ARIES Atmospheric

Science Division, Manora Peak

Nainital 263 002 Uttarakhand

(India) INDIA

Permanent Institute e mail

narendra@aries.res.in

43. SPEROTTO Anna

ITALY

LAB ASSISTANT

Permanent Institute:

University of Venice Ca' Foscari Environmental

Sciences Department Environmental modelling

group Dorsoduro 2137

Venice 30123 ITALY

Permanent Institute e mail

810770@stud.unive.it

44. **SRNEC Lidija**

CROATIA

PARTICIPANT

Permanent Institute:

Croatian Meteorological and Hydrological Service Research

Division

Gric 3

10000 Zagreb CROATIA

Permanent Institute e mail lidija.srnec@cirus.dhz.hr

45. **STEFFEN Sophie**

GERMANY

PARTICIPANT

Permanent Institute:

University of Barcelona Av.

Diagonal 690

08034 Barcelona SPAIN

Permanent Institute e mail ssteffst9@alumnes.ub.edu

46. **TESFAYE Yirgalem Negash**

ETHIOPIA

PARTICIPANT

Present institute:

Permanent Institute:

Gondar University Science Faculty

Department of physics Gondar

ETHIOPIA

Permanent Institute e mail

yirgalemnegash@yahoo.com

Joint Staff college Mekelle

Mekelle Ethiopia

ETHIOPIA

Until when:

47. **20 May 2014**

48. **TORRALBA FERNANDEZ Veronica**

SPAIN

PARTICIPANT

Permanent Institute:

Institut Catala de Ciendes del Clima CFU

Climate Forecasting Unit Carrer Doctor

Trueta, 203 Barcelona

SPAIN

Permanent Institute e mail info@ic3.cat

49. **WAIMANN Cristian**

ARGENTINA

PARTICIPANT

Permanent Institute:

Centro de Investigaciones del Mar y la Atmosfera CIMA Intendente

Guiraldes- 2160 - Pabellón II- 2° Piso C1428EGA Ciudad

Autonoma De Buenos Aires Buenos Aires

ARGENTINA

Permanent Institute e mail cwaimann@cima.fcen.uba.ar

50. **YANSEN** **PARTICIPANT** INDONESIA

Permanent Institute:

Department of Forestry, Faculty of Agriculture, University of
Bengkulu
Jl. WR. Supratman Kandang Limun
Bengkulu 38371
INDONESIA
Permanent Institute e mail y.yansen@ymail.com

51. **YOUNAS Hassan** **PARTICIPANT** PAKISTAN

Permanent Institute:

School of Environmental Science and Engineering SESE
Shanghai Jiao Tong University SJTU
800 Dongchuan road, Minhang
campus 200240 Shanghai
PEOPLE'S REPUBLIC OF CHINA
Permanent Institute e mail younasseven@yahoo.com