



The Abdus Salam
**International Centre
for Theoretical Physics**
50th Anniversary 1964–2014



Third VALUE Training School: Spatial and Temporal Variability in Statistical and Dynamical Downscaling

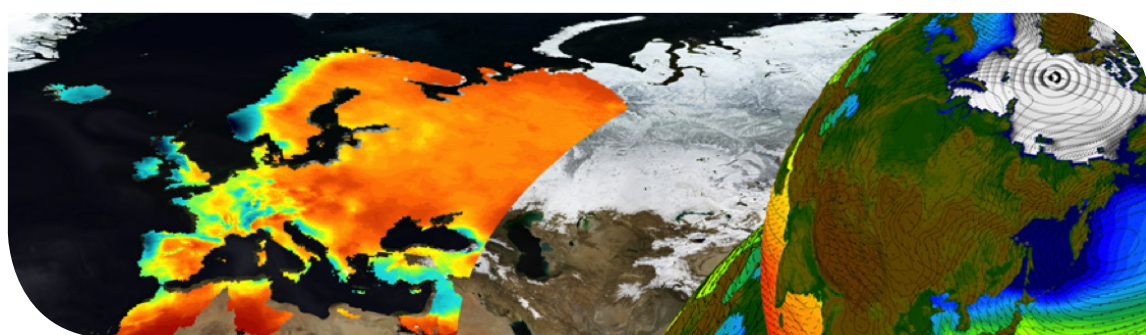


European Cooperation in Science and Technology

VALUE: COST Action ES1102 (2012-2015)

3 - 14 November 2014
ICTP, Trieste, Italy

The 3rd VALUE training school “Spatial and temporal variability in statistical and dynamical downscaling”, will be held from **3 November to 14 November 2014** at the “**Abdus Salam International Centre for Theoretical**



Validating and Integrating Downscaling Methods for Climate Change Research

Physics (ICTP)” in Trieste (Italy). Our understanding of global climate change is mainly based on General Circulation Models (GCMs) with a relatively coarse resolution. Since climate change impacts are mainly experienced on regional scales, high-resolution climate change scenarios need to be derived from GCM simulations by downscaling. The EU COST action VALUE (ES1102, www.value-cost.eu) is a research network aiming to systematically validate and develop downscaling methods for climate change research in order to improve regional climate change scenarios for use in climate impact studies.

A key objective of VALUE is the integrated training of young scientists from various disciplines in both statistical and dynamical downscaling.

The school comprises different modules, containing lectures and practical applications. Starting with an introduction to climate modelling and different downscaling approaches, focus will be given to spatial and temporal variability in statistical and dynamical downscaling. Methods for validating spatial and temporal aspects will be discussed.

Participation:

Scientists and students from all countries that are members of the United Nations, UNESCO or IAEA may attend the school. As it will be conducted in English, participants should have an adequate working knowledge of this language. Limited funding (including travel grants) for participation is available. 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?2780> 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 Word or PDF format.

Contact Information:

Phone: +39 040 2240 426

E-mail: smr2780@ictp.it

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

More information about the course in <http://www.value-cost.eu/node/1143>

Organizers:

E. Hertig
(Augsburg University, Germany)

D. Maraun
(GEOMAR, Germany)

M. Widmann
(University of Birmingham, U.K.)

J. M. Gutierrez Llorente
(Universidad de Cantabria, Spain)

R. Wilcke
(SMHI, Sweden)

Local organizer:

E. Coppola
(ICTP, Italy)

Speakers:

to be announced on website

APPLICATION DEADLINE

10 October 2014