

National Institute of meteorology

Training Program 2012

During the year 2012, The NIM of Tunisia has organized two training sessions.

The first took place between 17th and 18th of July 2012. The theme of the training was “Statistical downscaling using SDSM tool”, animated by Professor Robert Wilby from Loughborough University. The second training session, which took place between 24 and 26 of September 2012, had as a main objective to build capacities on seasonal prediction using empirical predictors and GCM.

1- Statistical downscaling using SDSM tool

Animator:

Professor Rob Wilby

Professor of Hydroclimatic Modelling
B.Sc., Ph.D. (Loughborough)

R.L.Wilby@lboro.ac.uk

Training Theme:

This aim of this training was to teach the participant how to use the SDSM as a tool of statistical downscaling in both seasonal forecasting and climate change scenarios. The training was intended for 12 participants.

The training was a real chance to build capacities of young engineers and allow to them to learn more about statistical downscaling in general and especially the SDSM tool.

[Training program](#)

[List of participant](#)

2- PRESANORD preforum Training session:

Animators:

Dr M. Neil WARD

Seasonal forecasting and Climate change Consultant
Ex Head forecast operations IRI
Email: nward@iri.columbia.edu

André Kamga

Chief of Climate and Environment Departement
ACMAD
Email : akamgaf@yahoo.com

Training Theme and sessions:

The training lasted three days, one session per day.

Session 1: Seasonal Prediction using empirical predictors and GCMs

In this session Neil Ward and André Kamga made an overview about seasonal prediction and different tools used. An initiation to CPT tool has been made to the participant.

Session 2: Statistical and dynamical Downscaling for seasonal forecasts

The participants have enlarged their knowledge about different approaches to downscaling. Many examples of dynamical and statistical downscaling has been shown and analysed. In the afternoon the participants had the opportunity to do some practical exercises for statistical downscaling using C.P.T tool.

Session 3: Approaches to tailored products

In aim of the last session was to introduce to the participant the concept of tailored forecast for users. Practical methods for tailored products have been presented. As an example of tailored products it was presented how climate information can help manage the drought problem.

[*Training program*](#)

[*List of participant*](#)