

Climate Services training: application of climate data in policy and planning for consultants

Are you a consultant or a specialist working on climate change impacts and adaptation problems? Or do you have climate data on offer and want to facilitate potential users of this data? Do you need to translate the information contained in climate model projections to your client's wishes? And do you want to enhance your capacity and skills to process and apply such data in a correct way? Do you want to make sure your advice on climate change problems are based on a sound understanding of the possibilities, limitations and uncertainties of those data?

In that case you are invited to follow a 3-day training on the application of climate model projections in different decision maker's contexts. This 3-day training will have an interactive character with dialogues between users and providers in real life decision making contexts and includes hands-on exercises to find, access, process and analyse climate data relevant to the problem at hand. The exchanges will be based on case studies provided by consultants and specialists from various sectors.

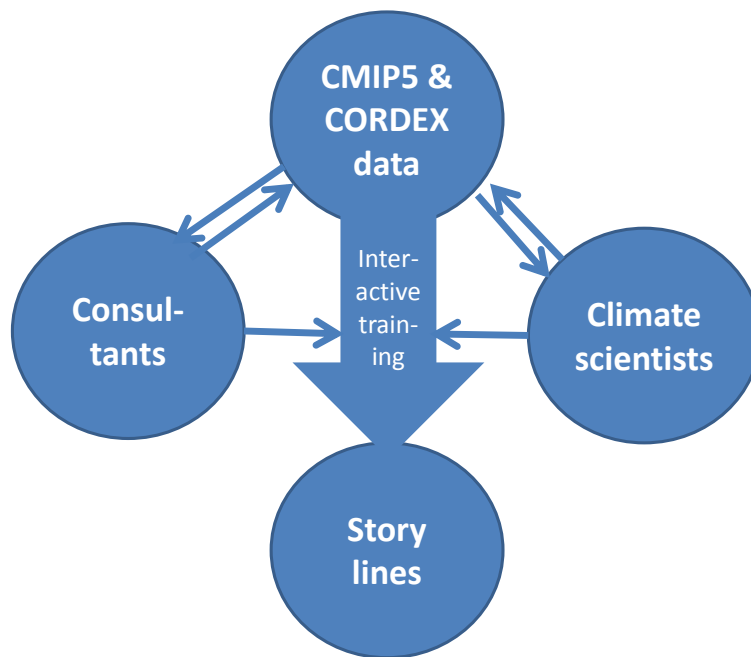


Target Audience: This training aims at training consultants using global and regional climate model data, and providers of climate data (CMIP5 and CORDEX data, resp.) on their application in different decision making contexts.

What's in it for consultants using climate model data?- Consultants will enhance their capacity and skills to find, access and apply climate model data in a correct way and to assess the possibilities, limitations and uncertainties of data.

What's in it for providers of climate model data? Given the complexity of decision making processes a simple transfer of raw data is most often not possible, and translation and tailoring of raw data into formats useable for decision-makers requires extra efforts. Data providers require therefore detailed accounts of user information needs to be able to provide adequate formats and tools.

Intensive engagement on a co-learning basis is considered essential for a productive exchange between users and providers of climate data.



Course topics

- Articulation of information needs for sectors (energy, water management, agriculture, insurances, infrastructures)
- Use of CORDEX and CMIP5 data in case studies
- Model, scenario and data uncertainties
- Use of meta data
- Use of post processing tools (statistical analysis, bias correction...)
- Visualisation, mapping and plotting of data
- Reflection on ethical issues related to the case studies
- Rules for access for commercial use of CMIP5 and CORDEX data

Preparation: Development of the case studies during the training will be reported on in so-called 'storylines' and development of typical work flow. This is a description of an adaptation situation, including context, challenge, information needs, and of how relevant climate model data were processed, assessed and used. Participants will be invited to prepare a case study based in their own working environment and to bring relevant information on context and data needs to the master class. Participants should also bring their own laptop.

Programme:

Wednesday: 18 March 2015

Morning	Arrival participants
11:00	Introduction to the course and participants
12:30	Lunch
13:30	Lecture: The information chain from climate model to policy advice
15:00	Data exploration using the climate4impacts portal
16:00	Case study inventory, presentation and selection
19:00	Joint dinner

Thursday 19 March 2015

8:30	Lecture: Dealing with Uncertainties in Climate projections
9:30	Case study development in teams of 2-4 people
12:30	Lunch
13:30	Lecture: Bias Corrections and Downscaling of climate data
14:30	Case study development (cont'd)
18:00	Dinner
19:30	Case study presentation preparation
22:00	Drinks

Friday 20 March 2015

8:30	Lecture: Visualisation of Climate Data: Info graphics for policy makers
9:30	Case study presentations
11:30	Reflection and wrap-up
12:30	Optional lunch

Cost

Participation and stay €500, including two nights, all meals and refreshments as well as course material

Participants need to cover their own travel expenses

Date and venue

18-21 March 2015.

Course: Impulse building, Wageningen Campus, Netherlands

Overnight: a block reservation has been made in Hotel "Hof van Wageningen"

Registration and contact

This training is organised by Climate-KIC in close collaboration with the IS-ENES and CLIP-C and through these supported by the European Commission

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