



Climate Services Training: application of climate data in policy, management and planning for knowledge purveyors 13-15 March 2017, Wageningen, the Netherlands

Registration deadline: 19 February 2017

Are you a **consultant, knowledge purveyor** or a specialist working for clients from policy, management and planning, on climate impacts and adaptation problems, especially in water, or water dependent sectors such as the agriculture? Do you need to **translate** the information from climate projections, whether short term or long term, to your client's **decision making** needs? 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? Do you have ideas on how the provisioning of such **data** could be improved to make your job easier? And last but not least, do you want to **share** your experiences and learn from colleagues from around Europe how they do climate **knowledge brokering**?



Agriculture/Forestry



Energy



Health



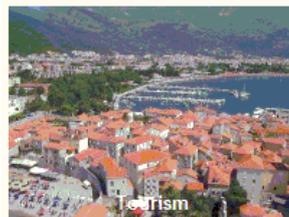
Infrastructure/Urban



Marine/Coastal



Nature/Biodiversity



Tourism



Water Management

We developed a three day training on the application of climate model projections in different decision maker's contexts. This training will work 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 decision making contexts will be based on case studies provided by you.



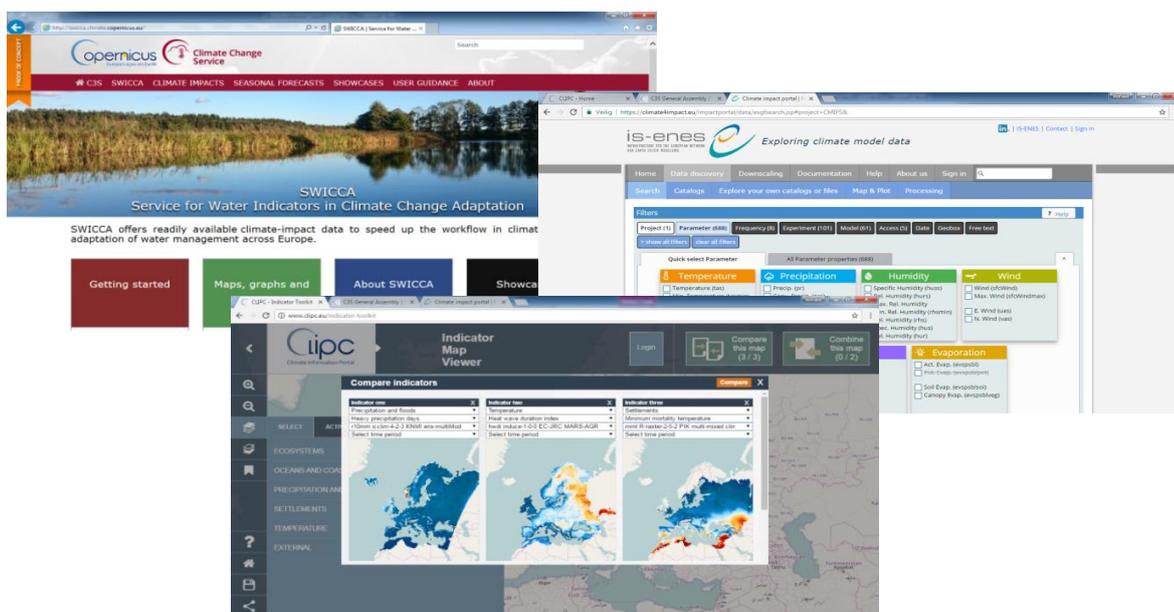
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Training objectives

- Enhance knowledge and skills to better support clients in their decision making under climate variations and climate change
- Participate in the co-design of existing and future climate data services
- Build a learning network of climate knowledge purveyors

This workshop aims at training consultants using global and regional climate model data, and data on the known impacts of climate on water and water dependent sectors on their application in different decision making contexts. 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 such data. The training addresses the use of both *long term climate data* as well the rapidly evolving *seasonal prediction data*. It addresses both the use of primary parameters as well as derived statistics and indicators on climate and its impacts.



The training builds on experiences gained in previous, similar courses and will use data search and access services developed and provided by:

- [Climate4Impact, Exploring climate model data](#)
- [Clipec, climate information portal](#)
- [SWICCA, Service for Water Indicators in Climate Change Adaptation](#)





Course topics

- Articulation of information needs for decision makers in various sectors (water management, agriculture, others)
- Do's and don'ts in the use of climate data in case studies
- Model, scenario and data uncertainties of climate projections and seasonal forecasts
- Role of statistical downscaling, bias correction and other processing tools
- Visualisation, mapping and plotting of data
- Design your own indicators, combining with socio economic data
- Sharing experiences with knowledge brokering

Development of the case studies during the training will be reported on in so-called 'storylines' and development of typical work flows. This is a description of an adaptation situation, including context, challenge, information needs, and of how relevant climate model data need to be processed, assessed and used. One or two case studies will be provided as a context, but bring your own case, submit this to the organisers and we'll work on that during the training session!

Logistics

Dates	Monday 13 March - Wednesday 15 March 2017
Venue	Wageningen University and Research, Wageningen, the Netherlands
Costs	none , accommodation, facilities and food are sponsored for 2 nights (arrival 13 March, departure 15 March; other nights are at own expense). You need to register before 19 February. Travel: <i>you only arrange and pay your own travel</i>
Information	Fokke de Jong, fokke.dejong@wur.nl , +31 317 481434
Registration	Via the registration form by 19 February at the latest



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Tentative programme

Day 1, Monday 13 March

- Arrival before noon, sandwich lunch
- 13:00 Opening and introduction to the training programme
- 13:15 Introduction to the participants and their case studies
- 14:15 Climate and impact indicators: selecting models, scenarios and socio economic data
- 15:15 Break
- 15:30 Hands on with finding the right data for your case
- 17:00 Discussion data and indicators: do they match the needs of our case studies
- 18:00 Transfer to hotel and dinner venue
- 19:00 Speed dating around the buffet: sharing experiences with knowledge brokering (round 1)

Day 2, Tuesday 14 March

- 09:00 Seasonal prediction of climate and its impacts: a new but promising world
- 10:00 Discussion seasonal predictions: relevant to my client's decision making?
- 10:30 Break
- 11:00 Hands on with seasonal predictions
- 12:00 Discussion forecast probability and skill: what is good enough?
- 12:30 Lunch
- 13:30 Statistical downscaling and bias correction
- 14:30 Discussion client's needs: how precise and how local?
- 15:00 Break
- 15:30 Dealing with uncertainties in climate
- 16:30 Novel approaches in visualisation and communication
- 17:00 Discussion uncertain results or robust signals: how to share with your clients?
- 17:30 Transfer to hotel and dinner venue
- 19:00 Dinner and presentation: Knowledge brokering in practice, Experiences from...?
- 21:00 Speed dating around the bar: sharing experiences with knowledge brokering (round 2)

Day 3, Wednesday 15 March

- 09:00 Hands on creating your own indicators
- 10:00 Discussion climate and the rest: what is more important to your client?
- 10:30 Break
- 11:00 Sharing experiences in knowledge brokering: wrap up and future activities
- 12:00 Training evaluation
- 12:30 Lunch and farewell



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