



# IS-ENES3 Central&Eastern Europe Autumn School

## From Climate Projections to Climate impacts via Regional Downscaling

Prague, 28 November-2 December 2022

Introduction to climate data for impact and adaptation assessments	
Monday 28 November 2022	
8:15-9:00	Check in
9:00-10:00	Official opening Welcome by organizers (5-10') IS-ENES3 Introduction (10-15'), Introduction of Participants (40'),
10:00-10:30	<ul style="list-style-type: none"><li>• Introduction to GCM and their outputs (Sylvie Joussaume, IS-ENES3 coordinator)</li></ul>
10:30-11:00	Coffee break
11:00-12:30	<ul style="list-style-type: none"><li>• Dynamical downscaling of GCM (Tomáš Halenka - 45')</li><li>• Statistical downscaling and bias correction (Christian Pagé - 45')</li></ul>
12:30-13:30	Lunch
13:30-15:00	<ul style="list-style-type: none"><li>• Climate data for impact studies: sources, challenges, climate explorer (Peter Siegmund - 45')</li><li>• Portals and tools for access to climate data and for analyzing and visualizing data by Peter (CE), Christian (C4I), Christian (icclim and climate indices) Rutger (C3S)</li><li>• Exercises, either on CE, C4I, C3S (icclim possibly on Tuesday)</li></ul>
15:00-15:30	Coffee break
15:30-17:00	<ul style="list-style-type: none"><li>• Exercises, continued</li><li>• Time to think of subjects for a case study</li></ul>
Tuesday 29 November 2022	
9:00-10:30	Lectures: <ul style="list-style-type: none"><li>• Climate services (Rutger Dankers - 30')</li><li>• Introduction to file formats and basic tools for working with them (Michal Belda - 45' (or 30' ?))</li><li>• Exercises, continued</li></ul>
10:30-11:00	Coffee break
11:00-12:30	<ul style="list-style-type: none"><li>• Impact models - types, examples (Rutger Dankers)</li><li>• Exercises on impact models</li></ul>
12:30-13:30	Lunch

13:30-15:00	<ul style="list-style-type: none"> <li>• How to work with NetCDF in Python (Michal Belda - 45')</li> <li>• Groups for case studies specification</li> </ul>
15:00-15:30	Coffee break
15:30-17:00	<ul style="list-style-type: none"> <li>• Work on case study</li> <li>• EuroCORDEX Introduction (Stefan Sobolowski - 30')</li> </ul>
<b>Wednesday 30 november 2022</b>	
9:00-10:00	<ul style="list-style-type: none"> <li>• CORDEX FPS Convection Introduction (Erika Coppola - 30')</li> <li>• Exercises (30')</li> </ul>
10:00-10:30	coffee
10:30-12:30	CORDEX FPS Convection Science talks (Main Hall)
12:30-13:30	lunch
13:30-15:00	hands-on, work on case-studies
15:00-15:30	coffee
15:30-17:00	hands-on, work on case-studies
19:00	Dinner
<b>Thursday, December, 1, 2022</b>	
9:00-10:30	CORDEX FPS Convection Science talks (Main Hall)
10:30-11:00	coffee
11:00-12:30	CORDEX FPS Convection Science talks (Main Hall)
12:30-13:30	lunch
13:30-15:00	hands-on, work on case-studies, presentation preparation
15:00-15:30	coffee
15:30-17:00	hands-on, work on case-studies, presentation preparation
<b>Friday, December, 2, 2022</b>	
9:00-10:30	Teams presentations of case studies (15' each) + discussion
10:30-11:00	coffee
11:00-12:30	Teams presentations of case studies (15' each) + discussion
12:30-13:00	Conclusions and closure

