



EXECUTIVE TRAINING

***BUILDING RESILIENCE
TO CLIMATE CHANGE***

24-25 OCTOBER 2022, ITALY



MONDAY 24TH OCTOBER

MODULE 1

HOW CLIMATE CHANGE IS IMPACTING
ON SOCIETY

MODULE 2

THE SCIENCE OF CLIMATE CHANGE, &
DATA & INFORMATION RESOURCES



MODULE 1

9:00-9:45

Identification of key climate hazards, their impacts, risks and opportunities

Prof. Marco Borga
(UniPD/ICS)

9:45-10:30

The changing nature of hazards, their return periods and intensity

10:30 - 11:00 BREAK & NETWORKING

11:00-12:30

How societal vulnerability to climate hazards is changing

Prof. Marco Marani
(UniPD)

12:30 - 13:30 BREAK & LUNCH

MODULE 2

13:30-14:30

How do we generate climate data and related information

Dr Alberto Troccoli
(WEMC/ICS)

14:30-15:30

The different types of climate data, where to find them and how to interpret them

15:30 - 16:00 BREAK & NETWORKING

16:00-17:00

The strengths and limitations of climate data, also understanding when further analysis may be required or desirable

TUESDAY 25TH OCTOBER

MODULE 3

THE ECONOMICS OF CLIMATE CHANGE
IMPACTS

MODULE 4

CLIMATE CHANGE ADAPTATION
OPTIONS FOR BUSINESS & POLICY



MODULE 3

9:00–9:45

Climate change and the economy: the compounded cost of climate disasters, their domino effect on economic systems and society.

Prof. Nicholas Vasilakos
(UEA)

9:45–10:30

Climate change and business risk

10:30 – 11:00 BREAK & NETWORKING

11:00–12:30

Climate disclosure for busines

12:30 – 13:30 BREAK & LUNCH

MODULE 4

13:30–14:30

Climate-resilient solutions

Prof. Nicholas Vasilakos
(UEA)

14:30–15:30

Design of climate resilient business strategies accounting for factors such as demand-driven goods and services, climate-proofing assets and processes

15:30 – 16:00 BREAK & NETWORKING

16:00–17:00

Business-focused case studies, governance and policies

EXECUTIVE TRAINING

OBJECTIVES

The purpose of this Executive training is to provide attendees with the information required to understand how Climate Services – climate data and related information – can be used for planning, decision making, communication, business development or defining strategies to build long-term resilience to climate change.

LEARNING GOALS

Attendees to the Executive training on Building Resilience to Climate Change will learn:

- *The risks posed by Climate Change, in terms of extreme weather events, climate variability and long term changes, on business and society in everyday life*
- *The key drivers of Climate Change, how it is observed from historical records and how it is simulated by complex numerical dynamical models*
- *How to navigate through the huge amount of climate data available, and how to recognise and harness authoritative, reliable data for business risk assessments*
- *The economic impacts of Climate Change from an economic perspective, from the macro to the micro scale using specific case studies*
- *How climate change data can be used for assessing business risk and for companies' financial disclosures*
- *Key elements of Climate-resilient solutions and how they can be used in the design of business strategies also through the use of case studies*

Supported by



WEMC
World Energy &
Meteorology Council



ANY QUESTIONS ABOUT THE SUMMER SCHOOL ? PLEASE GET IN TOUCH :

Shelbie Walker for general enquiries shelbie.walker@wemcouncil.org

This programme is indicative to illustrate course content but is subject to changes.