



UNIVERSITÀ DEGLI STUDI DI MILANO



Corso di Dottorato in
Scienze della Terra



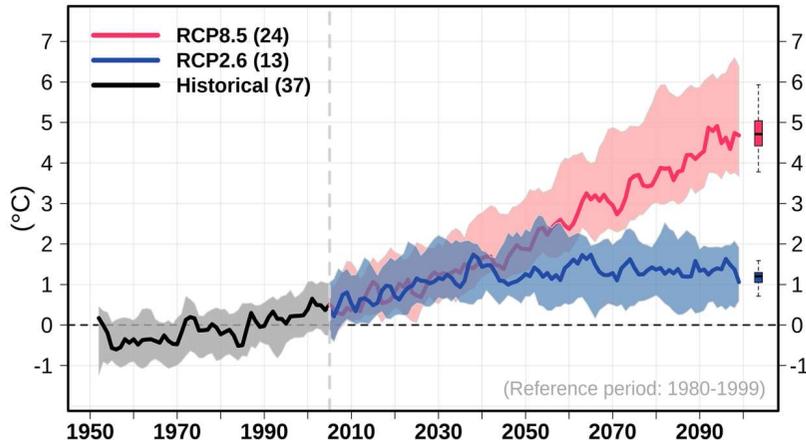
Dipartimento di Eccellenza 2018-2022
LE GEOSCIENZE PER LA SOCIETÀ: RISORSE E LORO EVOLUZIONE

Milano - 3-5 May 2022 - Short course (3 cfu, 15 hours)

CLIMATE CHANGE AND MODELLING

by George Zittis

Mean annual temperature anomalies / Mediterranean (land only)



PROGRAM

- Brief introduction to climatology
- Recent updates on global warming
- Climate change projections
- Climate change impacts
- Principles of climate modelling
- Introduction to downscaling methodologies
- Tools for climate model data analysis



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For information and application
please contact by 26 April
Dr. Corrado Camera (corrado.camera@unimi.it)

10 onsite seats available
Remote participation possible through MS Teams

The objective of the course is to provide PhD students and other attendants, who are not climate experts, with the basic knowledge to understand climate physics and models and use the existing model data for various applications in the field of Earth Sciences.

The proposed lectures (15 hours in total) include a brief introduction to the field of climatology and a presentation of recent updates on global warming, climate change projections and associated impacts with a focus on the Euro-Mediterranean region.

Climate modelling, downscaling methodologies and tools for climate analysis will be also covered. The latter will be presented through examples and exercises.

