

Centro Euro-Mediterraneo
per i Cambiamenti Climatici

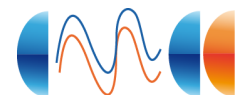
An Outlook on the Euro-Mediterranean Centre for Climate Change CMCC

1. Introduction to CMCC

- **CMCC is the Italian Research Centre on Climate Science and Policy.** Supported by the Italian Ministry for the Environment Land and Sea, the Ministry for Education, University and Research and the Ministry for Economy

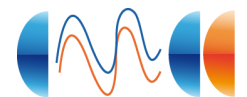
- **CMCC was established in 2005 from the experience of Six Italian Research Institutions** (Istituto Nazionale di Geofisica e Vulcanologia, Fondazione Eni Enrico Mattei, Università degli Studi del Salento, Centro Italiano Ricerche Aerospaziali, Consorzio Venezia Ricerche, Università degli Studi del Sannio)

- **CMCC hosts the IPCC Italian Focal Point**



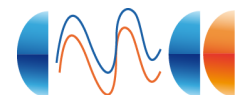
1.2 CMCC Mission

*To act as a **vertically integrated research centre**
able to produce complete scientific studies
in the climate change sector and to support development
of strategies and to inform policies,
with a global approach but a
specific focus on
the Mediterranean region*



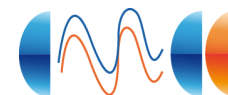
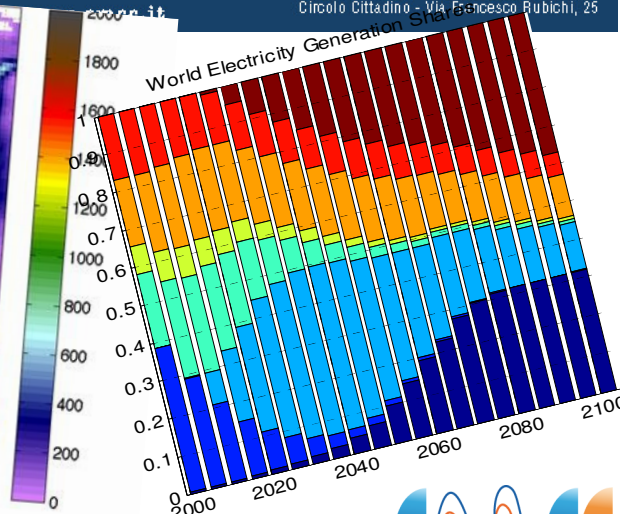
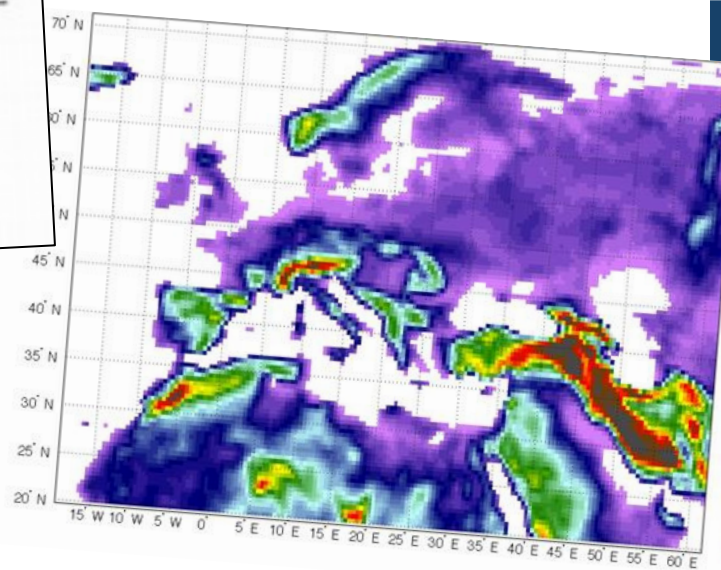
1.3 CMCC Resources

- 68 total staff members
- 6 Main Offices in Italy
 - Lecce, Venice, Milan, Benevento, Sassari, Capua
- **Innovative Supercomputing Infrastructure**
 - 5th among the Centres for Weather Forecasting and Climate applications **all over the world**
 - 3rd Biggest Centre in Europe

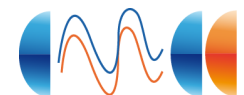
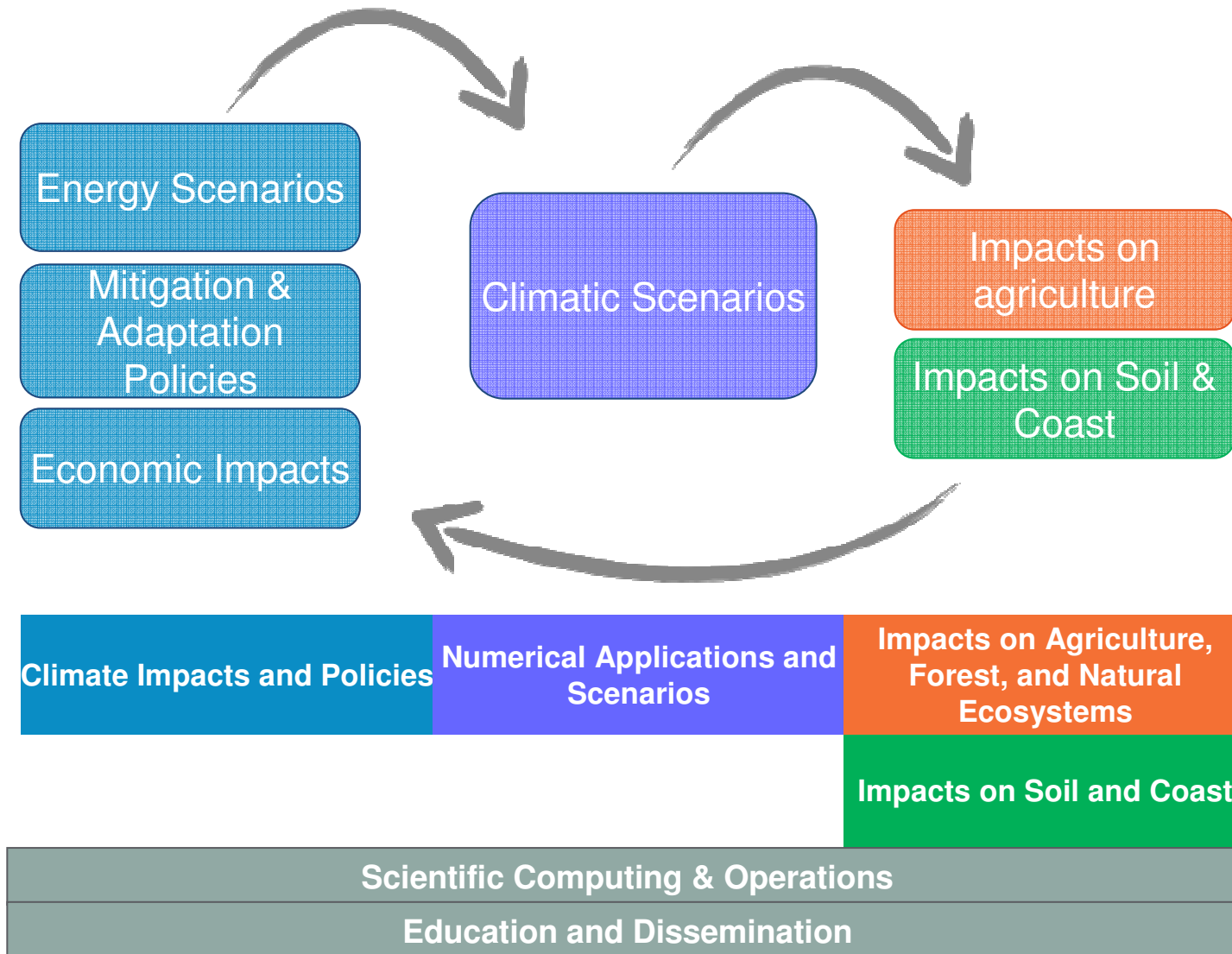


2. CMCC Activities

- Research
- Dissemination
- Training



3. Six Integrated Research Divisions



A structured network for integration of climate
knowledge into policy and planning

Background

- A growing body of knowledge about climate change in South-East Europe (SEE).
- A number of research projects and more systematic efforts (IPCC in preparation for the upcoming 5th Assessment Report) has made available scenarios for the region, also at local/regional level.
- However, it is still difficult to integrate data such that they can be available, comprehensible and usable to inform policy and to develop strategies.

Objectives

- To build a dynamic bridge **CONNECTING** the communities producing data and analysis and the users/stakeholders needing to incorporate the information in their activities.
- To identify and evaluate relevant data on the production side, to harmonize, translate and disseminate the climate change knowledge and to promote a close **DIALOGUE** with the users/stakeholders, identifying barriers, learning best practices and developing jointly capability.
- To develop **INDICATORS** according to their measurability, their policy relevance and their data availability, with particular reference to indicators of vulnerability, vulnerability indices and adaptive capacity indicators.
- To establish a **COORDINATION** centre based in the Puglia Region (ORIENTGATE) and a network of Outcenters will coordinate the activities.
- To allow the **TRANSFER** of experiences and best practices at technical and administrative level, by the mean of an extensive exchange program .

STRUCTURE

- A core structure in Puglia (The OrientGate)
- Several smaller nodes, (Outcenters).
- It will act like a clearinghouse, connecting similar initiatives under way in Europe and creating an information system that will be the backbone of the project.
- The Outcenters will be placed at the partners sites.
- Pilot activities will be coordinated by the Outcenters.
- The Outcenters will have a thematic focus.
- Extensive use of Web-Based Technologies for networking, communication and data transfer.

Themes

- Vulnerability and adaptation in cities
- Coastal systems vulnerability and risks
- River flood vulnerability and risks
- Terrestrial biodiversity and ecosystems
- Soil and land-use
- Human health
- Financing adaptation
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Thanks

www.cmcc.it