

## Italian Society for Climate Sciences

### First Annual Conference

Climate change and its implications on ecosystem services and society

23-24 September 2013 - Castello Carlo V, Lecce

Dear Colleagues,

In January 2013, the Italian Society for Climate Sciences (SISC) was established and we are especially pleased to announce the First Annual SISC Conference.

The conference, entitled "Climate change and its implications on ecosystem services and society" aims to involve scientists, researchers, policy makers, Italians, and foreigners working in close contact with our country, whose activities closely affect aspects of climate change and their relationships on environmental and socio-economic systems.

#### **The main objectives of the Conference:**

Create and promote an interdisciplinary platform for discussion of climate systems and its interactions with environment and society;

Promote constructive and transdisciplinary dialogue between scientists, decision makers, operational service providers and general public;

Explore and model physical-chemical-biological-societal-economic responses through advanced technical capabilities;

Foster scientific exchange on sustainable growth, adaptation and mitigation policies.

#### THEMES

##### **Advances in Climate Science**

Theories, observations, and models of the dynamics of atmospheric and oceanic fluids: climate change, rapid environmental changes, forecasts and projections, mesoscale processes and extreme events.

##### **Implications on ecosystem services**

Analysis, projections, models and evaluation of climate change impact and extremes on natural ecosystems and agriculture.

Changes in land-use and land-cover, also due to extreme hydrological and hydrogeological events.

Adaptation and mitigation strategies for hydrological and hydrogeological risks.

Adaptation and mitigation strategies for the management of water resources.

##### **Climate policy and economic assessments**

Translate the interactions between climate and the processes concerning ecosystems into economic values.

Plan and evaluate strategies for adaptation and mitigation policies.

Assess the impacts of climate extremes and climate change on public health.

Climate change and urbanization: implications, feedback and evaluation of strategies and of public choices.

Implications of climate change on cultural heritage preservation, analysis and assessment of the vulnerability of cultural heritage related to climate change and potential strategies for adaptation and mitigation.

#### SCIENTIFIC COMMITTEE

**Antonio Navarra** - *co-chair*, Centro Euro-Mediterraneo sui Cambiamenti Climatici

**Donatella Spano** - *co-chair*, Università degli Studi di Sassari

**Anna Alberini**, University of Maryland

**Vincenzo Artale**, ENEA

**Sveva Avveduto**, Istituto di Ricerche sulla Popolazione e le Politiche Sociali – CNR

**Alberto Basset**, Università del Salento

**Anthony Bigio**, World Bank

**Antonietta Capotondi**, NOAA/ESRL/PSD e CIRES Climate Diagnostic Center

**Carlo Carraro**, Università Ca' Foscari di Venezia/ Fondazione Eni Enrico Mattei

**Raffaello Cervigni**, World Bank

**Marzio Galeotti**, Università degli Studi di Milano

**Paolo Gasparini**, AMRA S.c. a r.l.

**Piero Lionello**, Università del Salento / Centro Euro-Mediterraneo sui Cambiamenti Climatici

**Simona Masina**, Centro Euro-Mediterraneo sui Cambiamenti Climatici

**Claudia Pasquero**, Università degli Studi di Milano-Bicocca

**Antonello Provenzale**, Istituto di Scienze dell'Atmosfera e del Clima – CNR

**Paolo Ruti**, ENEA Centro Ricerche Casaccia

**Cristina Sabbioni**, Istituto di Scienze dell'Atmosfera e del Clima – CNR

**Riccardo Valentini**, Università degli Studi della Tuscia

#### HOW TO PRESENT YOUR WORK

A short paper (a maximum 3,000 words) should be submitted online in its final version, in English, no later than May 20, 2013. Authors are requested to follow the instructions and the format downloadable from the website at [www.sisclima.it](http://www.sisclima.it), and to choose the type of presentation (oral presentation or poster).

A notification of the acceptance of your work will be communicated to you by June 3, 2013. All work will be evaluated by the Scientific Committee.

#### UNDER 40 AWARDS

The Italian Society for Climate Sciences aims to encourage and promote the involvement of young researchers to contribute to the advancement of scientific research. To this end, during the Annual SISC Conference, authors under 40 will be awarded for a poster and a paper that, among all the works presented, will be deemed particularly worthy in the opinion of the Scientific Committee.

#### COST OF REGISTRATION

For more details on registration fees, please visit the Conference webpage at: [www.sisclima.it/conference2013](http://www.sisclima.it/conference2013).

#### IMPORTANT DATES

**May 20, 2013:** Deadline for submission of short papers.

**By June 28, 2013:** Notification of acceptance.

**July 20, 2013:** Deadline for online registration for authors of accepted papers/posters.

**July 30, 2013:** Notification of the program.



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