

PRESS RELEASE

The scientific community teams up to address climate change

Different expertise and experiences talking together while promoting a fruitful and constructive dialogue on the issue of climate change. Over 100 scientific presentations collected and discussed at the SISC Annual Conference entitled "Climate challenges and solutions under the 2°C target" to be held in Cagliari on 19-20 October 2016. The welcome message of Prof. Donatella Spano, SISC President, and the lectures of Andrea Karpati, Head of Policy at Climate-KIC, and Fiamma Straneo, senior scientist at the Woods Hole Oceanographic Institution (USA).

There's a great excitement over climate change. The international debate about this issue is very lively attesting its key importance for policy makers all over the world. In the last two weeks the limelight of media attention was on many remarkable events. Among them, just to mention the most relevant ones, the European Union has ratified the Paris Agreement bringing the deal over the threshold of 55 Parties accounting for 55% of global emissions needed for it to enter into force. Few days after, more than 150 countries reach a historical international agreement in Kigali (Rwanda) to phase out hydrofluorocarbons (HFCs), powerful greenhouse gases used in air conditioners and refrigerators that are thousands of times more destructive to the climate than carbon dioxide.

In the light of these consideration, the Italian Society for Climate Sciences (SISC) mobilizes the scientific community in Cagliari to take stock of innovation and knowledge in this field. The response of researchers was really positive: over 100 scientific presentations collected and discussed at the Annual Conference entitled "Climate challenges and solutions under the 2°C target" that opened today in Cagliari at Facoltà di Ingegneria e Architettura premises. The SISC conference is a well-established event for four years and gathers together the scientific community to address the multidisciplinary dimension of climate change studies. The topics range from innovation and technology for water resources to new climate models, from economic and financial scenarios focused on adaptation in terms of costs and missed benefits, to impacts on agriculture, ecosystems, tourism and other issues requiring a multidisciplinary approach. "The last two annual conferences enhanced SISC's mission to serve as a collaborative, multidisciplinary platform and as a meeting point for all the scientific research centers dealing with climate change", Prof. Donatella Spano, SISC President, pointed out. "Last year, on the eve of the COP21 in Paris that achieved a historic agreement, the Italian Scientific Community, in collaboration with SISC, organized an event in Rome aiming at fostering the international scientific debate on climate change while producing a Scientific Statement on Climate Change, a document signed by many major Scientific Societies and Associations to call policy makers to take action. This year in Cagliari, the scientific program was organized in collaboration with ten research institutions and universities dealing with the study of climate change. This is a clear evidence", Prof. Spano concluded, "of the work of SISC to go beyond traditional barriers separating different scientific disciplines. The study of climate change needs that different expertise and experiences talk together while promoting a fruitful and constructive dialogue."

Our role consists essentially in providing opportunities, such as this conference in Cagliari, to give voice to these instances.”

The conference opened with the welcome message of Prof. Donatella Spano (SISC President, Regione Autonoma Sardegna – Ass. della Difesa dell’Ambiente), Micaela Morelli (Università degli Studi di Cagliari, Prorettore alla Ricerca), Corrado Zoppi (Università degli Studi di Cagliari, Preside Facoltà di Ingegneria e Architettura), Luca Gabriele Deidda (Università degli Studi di Sassari, Prorettore Vicario), Roberto Furesi (Università degli Studi di Sassari – Direttore Dip.to di Scienze della Natura e del Territorio). Everyday a renowned keynote speaker opens the conference, such as Andrea Karpati, Head of Policy at Climate-KIC, Europe’s largest public-private innovation partnership focused on climate change, consisting of dynamic companies, the best academic institutions and the public sector, and Fiamma Straneo, senior scientist at the Woods Hole Oceanographic Institution (USA), the world’s leading, independent non-profit organization dedicated to ocean research, exploration and education.

Website: <http://sisclima.it/conferenza2016>

WHAT: “Climate challenges and solutions under the 2°C target” – Annual Conference of the Italian Society for Climate Sciences

WHERE: Aula Magna – Facoltà di Ingegneria e Architettura – Via Marengo 2/Piazza d’Armi – Cagliari.

WHEN: 19-20 October 2016

Scientific participation of: CMCC Foundation – Euro-Mediterranean Center on Climate Change, Università degli Studi di Sassari, CNR-IBIMET – Istituto di Biometeorologia, CNR-IDPA – Istituto per la Dinamica dei Processi Ambientali, CNR-IIA – Istituto sull’Inquinamento Atmosferico, CNR-ISAC – Istituto di Scienze dell’Atmosfera e del Clima, FEEM – Fondazione ENI Enrico Mattei, FLA – Fondazione Lombardia per l’Ambiente, OGS – Istituto Nazionale di Oceanografia e Geofisica Sperimentale, Politecnico di Milano.

Event supported by:

CMCC Foundation, Università degli studi di Sassari, Università degli Studi di Cagliari.

Sponsor: Lenovo

Website: <http://sisclima.it/conferenza2016>

See the full program: [CLICK HERE](#)

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