

Urgencies in Fundamental Climate Research following the Paris Agreement

Where will the carbon go?

How will the weather change?

How do we maintain habitability?

November 7th 2016, 15:00-16:30

Room: Mediterranean (300)

Bab Ighli Blue Zone, COP22, Marrakesh

Livestream: <http://bit.ly/2dgOnPN>

Science was fundamental in building understanding and raising awareness of the global climate change challenges that led to the adoption of the Paris Agreement. That Agreement, with its goal of limiting warming to 2°C, including an effort to pursue 1.5°C, will enter into force on 4 November 2016. Several key questions now confront science and society as we move forward.

On November 7th, join us for a dialogue among scientists, delegates and research agencies. A group of eminent scientists convened by the International Council for Science (ICSU), the Scientific Committee on Antarctic Research (SCAR), the Inter-American Institute for Global Change Research (IAI), the World Climate Research Programme (WCRP), and the Intergovernmental Panel on Climate Change (IPCC) Working Group I will address fundamental questions facing climate researchers. Rapid progress on these challenging issues will inform upcoming assessments, provide a basis for future stock-taking and scientific and political action.



Working Group I (WGI) - The Physical Science Basis

Agenda

Co-Chairs: **David Carlson** (Director of WCRP) and **Valérie Masson-Delmotte** (Co-chair of IPCC Working Group I)

15:00-15:05 Introduction and welcome, ICSU

15:05-15:25 What are the next challenges for climate research?

Jochem Marotzke, Germany, Max Planck Institute for Meteorology

Sophie Nowicki, USA, NASA

Irene Schloss, Argentina, Instituto Antártico Argentino

Arturo Sanchez-Azofeifa, Canada, University of Alberta/IAI

15:25-15:45 Plenary Discussion: How do we go forward?

Wilfran Moufouma-Okia, the Republic of the Congo, IPCC WGI TSU

Fatima Driouech, Morocco, National Climate Centre

Maria Uhle, USA, National Science Foundation

Erica Key, France, The Belmont Forum

Jochem Marotzke, Germany, Max Planck Institute for Meteorology

Arturo Sanchez-Azofeifa, Canada, University of Alberta/IAI

Sophie Nowicki, USA, NASA

Irene Schloss, Argentina, Instituto Antártico Argentino

15:45-16:30 Questions from the audience