



Knowledge gaps in the 5th IPCC Assessment Report: an EU-Japan scientific cooperation event

Wednesday 3 December 2014, from 18:00 to 20:00
EU Pavilion – Room ‘Roma’
COP20, Lima, Peru

The environmental, economic and social consequences of the 2°C, 4°C and other climate scenarios need to be further explored. Meanwhile, regional impacts assessments and newer mitigation elements also need careful consideration. How can research activities integrate climate and impacts modelling with assessments of i.e. vulnerabilities, risks and economic costs? This is what the EU and Japanese projects (HELIX, IMPACT2C and RECCA, SOUSEI) will address during the session.

The event supports the objectives of the Japan – EU Science and Technology Cooperation Agreement.

PROGRAMME

Welcome and introduction

Péter Horváth, Policy officer, Directorate General for Research and Innovation, European Commission.

Rui Kotani, Specialist, Environment and Energy Division, Research and Development Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan.

Keynote speeches

Koji Dairaku, Senior Researcher, Social System Research Department, National Research Institute for Earth Science and Disaster Prevention, Japan

Regional Downscaling and Assessments of Vulnerability and Adaptation to Climate Change in Water Hazard: Case in Tokyo (RECCA).

Reinhard Mechler, Deputy Program Director, Risk Policy and Vulnerability Program, International Institute for Applied Systems Analysis

Climate change impacts and risks in Europe and in vulnerable developing countries under 2°C warming (IMPACT2C).

Shingo Watanabe, Director, Department for Seamless Environmental Prediction Research, Japan Agency for Marine-Earth Science and Technology

Cutting-edge Climate Change Projection: newer elements on mitigation and risk assessment (SOUSEI).

Peter Stott, Head of the Climate Monitoring and Attribution team, Met Office, United Kingdom

High-end climate change: impacts and adaptation above 2°C global warming (HELIX).

Panel discussion

At the beginning of the event sandwiches and refreshment drinks will be offered.



European and Japanese projects contributing to this COP-20 side-event



HELIX – High-End cLimate Impacts and eXtremes (HELIX)

The EU-funded HELIX project assists decision-makers and the research community in making adaptation to changing climate more understandable and manageable by providing a set of credible, coherent, global and regional views of different worlds at 2, 4 and 6°C, further focusing on Northern Sub-Saharan Africa, South Asia and Europe.

<http://helixclimate.eu/>



IMPACT2C – Quantifying projected impacts under 2°C warming

The IMPACT2C project, sponsored by the EU, identifies and quantifies the impacts and most appropriate response strategies of a 2°C global warming for Europe and three vulnerable regions in other parts of the world: Bangladesh, Africa (Nile and Niger basins) and the Maldives.

www.impact2c.eu



RECCA – Research Program on Climate Change Adaptation (RECCA)

This program promotes R&D to produce scientific knowledge for decision makers in local governments so that they can reflect the result of climate change projection at prefectural and municipal levels to their climate change adaptation policies. Some of RECCA's studies are based on local information downscaled from the SOUSEI's global and regional climate projections.

<http://www.mext-isacc.jp/eng/>



SOUSEI – Risk Information on Climate Change

The SOUSEI program, sponsored by the MEXT, promotes R&D on climate change projection and impact assessments to generate basic information contributing to evaluation and management of various risks associated with climate change.

<http://www.jamstec.go.jp/sousei/eng/>