

# IUGG Union-Commission on Climatic and Environmental Change (CCEC)

## The First CCEC Workshop

11-12 April, 2014 Beijing, China

### Second Announcement <http://www.ccec-iugg.org/>

The IUGG Union-Commission on Climatic and Environmental Change (CCEC) will hold its first workshop in Beijing, China on 11-12 April 2014. The goal of this workshop is to strengthen the internal IUGG linkages, to examine how CCEC can link in to "Future Earth", a 10-year international research programme jointly initiated by International Council for Science (ICSU), International Social Science Council (ISSC), Belmont Forum, UN Educational Scientific Cultural Organization (UNESCO), UN Environment Programme (UNEP), UN University (UNU) and World Meteorological Organization (WMO) to further investigate linkages outside of IUGG and to plan for the 2015 IUGG General Assembly.

This workshop, organized by CCEC, IUGG, will strengthen links across the Scientific Associations within IUGG and build new external links to organizations outside IUGG. A group of leading research scientists and senior officials of international organizations will present at the workshop. As the potential liaison between IUGG and "Future Earth", CCEC Workshop would explore the best mechanism for IUGG involvement in "Future Earth" and CCEC's other activities. Possible contributions to the 26th General Assembly of the IUGG in Prague in 2015 will be discussed as well.

#### Venue

Institute of Atmospheric Physics, Chinese Academy of Sciences (IAP, CAS)  
Add: Bldg.40, Huayanli, Beichenxilu, Chaoyang District, Beijing, P. R. China 100029  
Website: [www.iap.cas.cn](http://www.iap.cas.cn)

#### Initial Agenda

<b>Thursday, 10 April, 2014 / Foreign Experts Building Beijing</b>	
1300-1800	Registration
<b>Friday, 11 April, 2014 / IAP, CAS</b>	
<b>Chairs: Michael MacCracken &amp; Guoxiong Wu Rapporteur: Bian He</b>	
0900-1000	<i>Tom Beer</i> : CCEC-Introduction, history
	<i>Guoxiong Wu</i> : Brief introduction of ICSU and its activities and of Future Earth in China
	<i>Makoto Taniguchi</i> : Water-energy-food nexus with climate change-Research for global sustainability
1000-1030	Discussion
1030-1100	Tea Break & Photo
1100-1200	<i>Pingfan Rao</i> : The IUFoST perspective on Future Earth, ICSU programmes and possibilities for interaction with IUGG
	<i>Jun Chen</i> : The ISPRS perspective on Future Earth, ICSU programmes and possibilities for interaction with IUGG
	<i>Serhat Sensoy</i> : The WMO and WCRP perspective on Future Earth
1200-1230	Discussion
1230-1400	Lunch
<b>Chairs: Jianping Li &amp; Tetsuzo Yasunari Rapporteur: Qing Bao</b>	
1400-1500	<i>Tom Beer</i> : IUGG & Future Earth
	<i>Dan Rosbjerg</i> : Panta Rhei
	<i>Tom Beer</i> : WeatCLiFS: Weather, climate and food security
1500-1530	Discussion
1530-1600	Tea Break
1600-1700	<i>Frans Berkhout</i> : Future Earth
	<i>Tetsuzo Yasunari</i> : Future Earth in Asia-Towards solving complex disaster-environment issues
	<i>Keith Alverson</i> : UNEP's climate change adaptation priorities and portfolio
1700-1730	Discussion
1900-	Welcome reception
<b>Saturday, 12 April, 2014 / IAP, CAS</b>	
<b>Chairs: Keith Alverson &amp; Athena Coustenis Rapporteur: Bo Wu</b>	
0900-1030	<i>Michael MacCracken</i> : IAMAS
	<i>Makoto Taniguchi</i> : IAHS interactions with CCEC and Future Earth
	<i>Eigil Friis-Christensen</i> : IAGA interactions with CCEC and Future Earth
	<i>Ian Allison</i> : Cryospheric challenges in managing global environmental change and Earth sustainability
	<i>Tonie Van Dam</i> : Geodetic contributions to observing environmental change
1030-1100	<i>Keith Alverson</i> : IAPSO interactions with CCEC and Future Earth
	Tea Break
1100-1230	<i>Michael MacCracken</i> : Discussion-Ways to encourage co-ordination between
	<i>Michael MacCracken</i> : Discussion-Advancing the science on key issues
	<i>Michael MacCracken</i> : Discussion-Interaction with funding agencies and governments
1230-1400	Lunch
<b>Chair: Tom Beer Rapporteur: Ruiqiang Ding</b>	
1400-1500	<i>Jianping Li</i> : ICCL and CCEC: Roles and linkages
	<i>Athena Coustenis</i> : IUGG 2015 Session U1
1500-1530	Discussion
1530-1600	Tea Break
1600-1630	<i>Jianping Li</i> : CCEC Journal
1630-1700	Discussion
1700-1715	Closing remarks
1830	Dinner

#### Sponsors

CCEC extends its appreciation to the following sponsors for their invaluable commitment and support:

- International Union of Geodesy and Geophysics (IUGG)
- Chinese National Committee for IUGG (CNC-IUGG)
- The Commission on Climatic and Environmental Change (CCEC)
- International Association of Meteorology and Atmospheric Sciences (IAMAS)
- The International Commission on Climate (ICCL)
- Chinese Association for Science and Technology (CAST)
- National Natural-Science Foundation of China (NSFC)
- Chinese Academy of Sciences (CAS)
- State Key Laboratory of Numerical Modelling for Atmospheric Sciences and Geophysical Fluid Dynamics (LASG), Institute of Atmospheric Physics (IAP)
- National Basic Research Program of China (973 Program): "Air-Land-Sea interactions in Asia and their role in the global change (ALS)" (2010CB950400)
- NSFC Key Project: "New theory of planetary wave in non-uniform basic flow and interaction between SH and NH atmospheres" (41030961)

#### More Information

Further information about practical arrangements will be posted on the workshop website: <http://www.ccec-iugg.org/>

#### Organization

##### Scientific Organizing Committee (SOC)

##### Co-chairs:

- Prof. Tom Beer, Centre for Australian Weather and Climate Research (CAWCR), CSIRO, Australia
- Prof. Jianping Li, LASG, Institute of Atmospheric Physics (IAP), Chinese Academy of Sciences (CAS), China

##### Secretary General:

- Dr. Keith Alverson, Climate Change Adaptation and Terrestrial Ecosystems Branch, Division of Environmental Policy Implementation, United Nations Environment Program, USA

##### Members:

- Dr. Michael MacCracken, Climate Institute, USA
- Prof. Guoxiong Wu, LASG, Institute of Atmospheric Physics (IAP), Chinese Academy of Sciences (CAS), China
- Prof. Ian Allison, Antarctic Climate & Ecosystems Cooperative Research Centre, Australia
- Prof. Michael Sideris, Dept. of Geomatics Engineering, University of Calgary, Canada
- Dr. Tonie Van Dam, Faculté des Sciences, de la Technologie et de la Communication, University of Luxembourg, Luxembourg
- Prof. Eigil Friis-Christensen, National Space Institute, Technical University of Denmark, Denmark
- Prof. Dan Rosbjerg, Dept. of Environmental Engineering Miljoevej, Technical University of Denmark, Denmark
- Prof. Makoto Taniguchi, Research Institute for Humanity and Nature (RIHN), Japan
- Prof. Lawrence Mysak, Dept. of Atmospheric and Oceanic Sciences, McGill University, Canada
- Dr. Sersuya Nakada, Earthquake Research Institute, University of Tokyo, Japan
- Prof. Stepher Self, Dept. of Environment, Earth and Ecosystems, The Open University, UK
- Dr. Serhat Sensoy, Engineer in Climatology Division, Turkish State Meteorological Service, Turkey

##### Local Organizing Committee (LOC)

##### Chair:

- Dr. Ruiqiang Ding, LASG, IAP, CAS, China

##### Members:

- Dr. Qing Bao, LASG, IAP, CAS, China
- Dr. Bo Wu, LASG, IAP, CAS, China
- Dr. Jie Song, LASG, IAP, CAS, China
- Dr. Yanjie Li, LASG, IAP, CAS, China
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- Dr. Cheng Sun, LASG, IAP, CAS, China
- Dr. Bian He, LASG, IAP, CAS, China

##### Secretariat:

- Ms. Nan Jin (Tracy), LASG, IAP, CAS, China
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