

# TGICA Progress Report

**Timothy Carter (Co-Chair)**

**Finnish Environment Institute (SYKE), Helsinki, Finland**

**Bruce Hewitson (Co-Chair)**

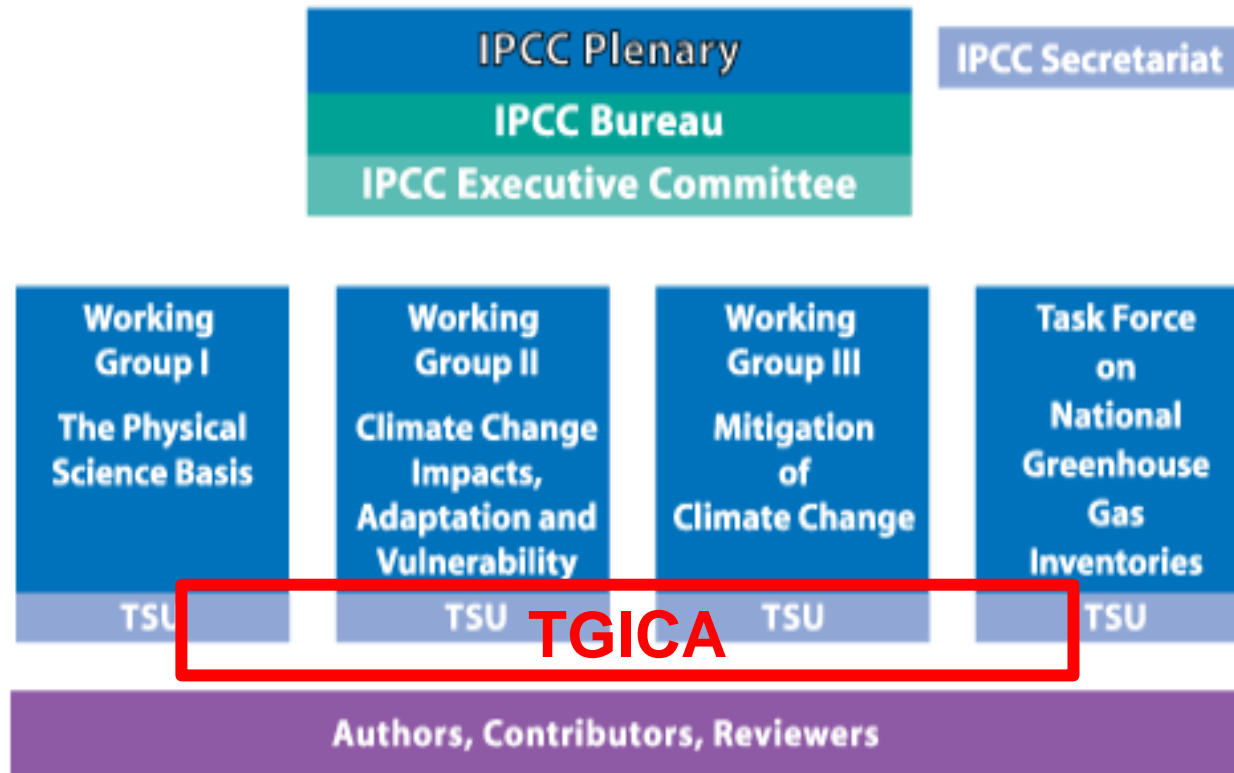
**University of Cape Town, South Africa**

# What is TGICA?

Established in 1996



Cross Working Group



# TGICA's mandate

1. To facilitate the wide availability of climate change related data and scenarios to enable research and sharing of information across the three IPCC working groups
2. To disseminate information in support of IPCC work, as well as IPCC “approved” “adopted,” “accepted,” and “supporting” material, e.g. information on:
  - anthropogenic influences on climate
  - climatological baselines and observations
  - projected future climate
  - other environmental, technological, and socio-economic factors and data relevant to impacts, adaptation, vulnerability, and mitigation research

# TGICA's activities

- 1. Co-ordinates the IPCC Data Distribution Centre (DDC), providing data sets, climate and other scenarios, and other materials (e.g., technical guidelines on use of scenarios)**
- 2. In support of IPCC work and in consultation with WG Co-Chairs, TGICA:**
  - identifies information needs
  - facilitates research on climate impacts, adaptation, and mitigation
  - makes recommendations on cross-cutting issues
  - solicits feedback from user communities
- 3. Contributes to capacity building in the use of data and scenarios for climate-related research in developing and transition-economy regions and countries**
- 4. Convenes expert meetings on an as needed basis**

# Progress since TGICA-17

- 1. TGICA-18, St Petersburg, Russian Federation  
18-20 September 2012**
- 2. TGICA-19, Jeju, Republic of Korea  
14-16 May 2013**
- 3. Progress with TGICA agenda**

# 1. TGICA-18, 18-20 September 2012

## St Petersburg, Russian Federation

TGICA-18, Voeikov Main Geophysical Observatory, St Petersburg, Russian Federation, 18-20 September 2012



**Left to right:** Local assistant, Sergey Semenov, Michael Lautenschlager, Igor Shkolnik, Xioashi Xing, Vladimir Kattsov, Martin Juckes, Alexander Zaitsev, Daniel Bouille, Monalisa Chatterjee, Gregory E. Insarov, Francisco Meza, Timothy Carter, Volker Krey, Charlotte Pascoe, Mariane Diop-Kane, Bruce Hewitson, Allison Thomson, Seita Emori, Rachel Warren, Fernanda Zermoglio, Robert Chen  
**Absent from photo:** Kejun Jiang

- **First TGICA meeting in Russia**
- **Hosts: Director and staff of the Voeikov Main Geophysical Observatory (MGO)**
- **Support from Roshhydromet**
- **Special session: climate change research and data and scenario needs in Russia (local presenters)**
  - **availability and provision of climate data**
  - **climate modelling including regional modelling**
  - **first and second (ongoing) national climate change assessments**



## 2. TGICA-19, 14-16 May 2013 Jeju, Republic of Korea

- **First TGICA meeting in Asia**
- **Organisation: Dr Won-Tae Kwon, Korean Meteorological Administration (KMA)**
- **Opening: Dr Hoesung Lee, IPCC Vice-Chair**
- **Special session: climate change research in east Asia**
  - **climate monitoring and climate change research in South Korea**
  - **downscaling of climate processes; CORDEX and the east Asia data bank**
  - **APCC information hub for providing climate data and information, training and user support**



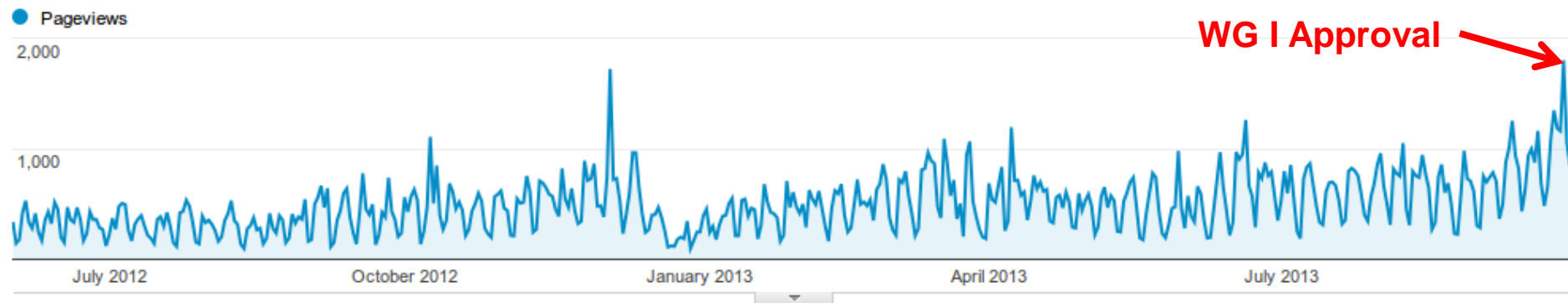
- **climate change related research programmes and data and scenario exchange in Japan**
- **Asian Development Bank plan for an Asia-Pacific regional climate consortium**

## 3. Progress with TGICA agenda (1/2)

### IPCC Data Distribution Centre (DDC)

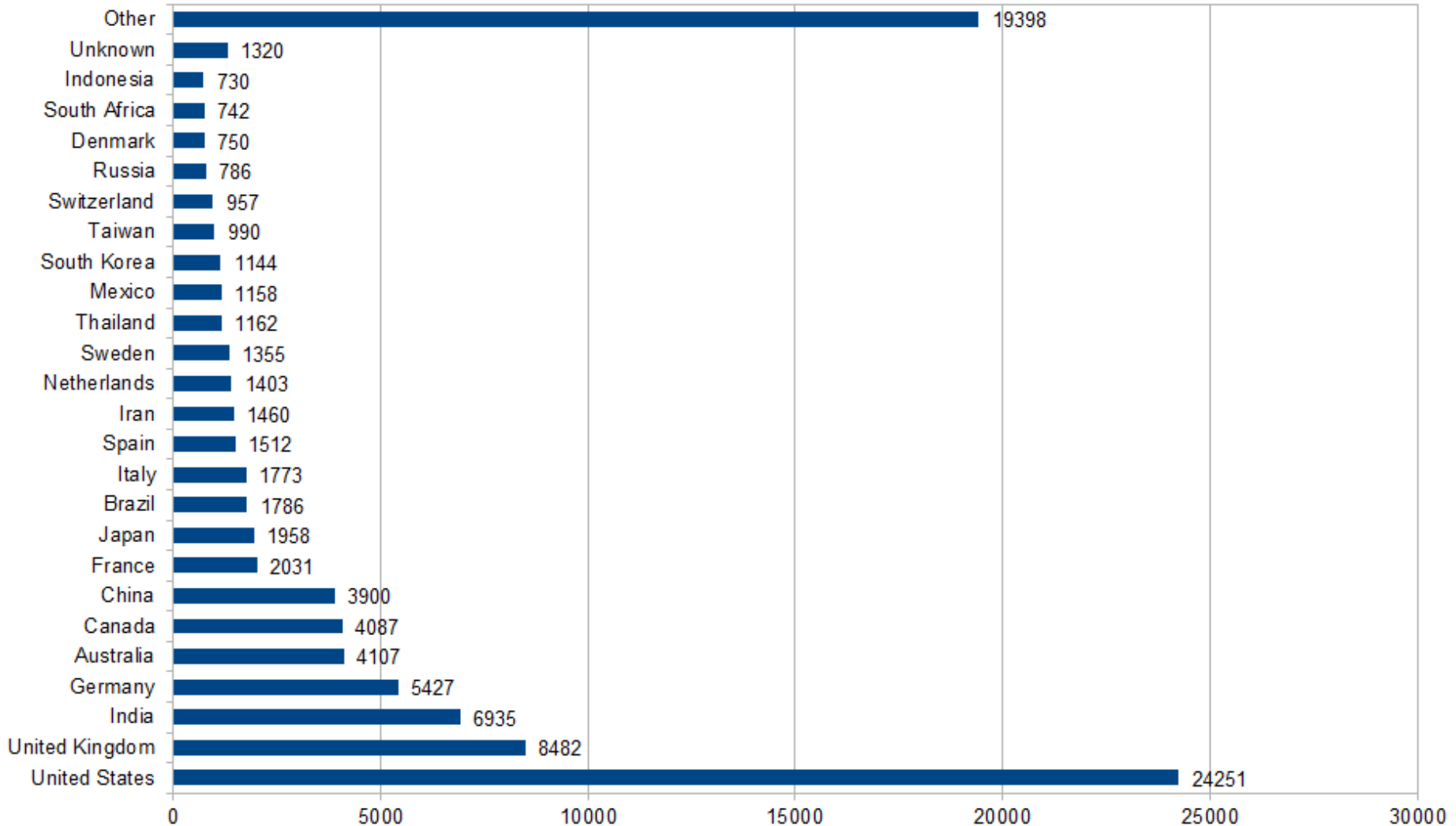
- Continued archiving and quality checking of CMIP5 (with PCMDI)
- New web pages harmonised between three data centres
- New supporting documentation (DDC Glossary, document on data attribution policy, CMIP5 dataset description, criteria for linking to web portals)

### DDC daily visits since 1 June 2012





## DDC usage by country since 1 June 2012



## 3. Progress with TGICA agenda (1/2)

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- Continued archiving and quality checking of CMIP5 (with PCMDI)
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### Technical Guidelines and Fact Sheets

- *Full draft to be reviewed:* Fact Sheet on "Downscaling of climate data for application in impact and adaptation assessment"
- *First draft, under revision:* Fact Sheet on "Using CMIP5 and other GCM data"
- *First draft under revision:* Technical Guidelines to replace "General guidelines on the use of scenario data for climate impact and adaptation assessment"
- *Annotated outline:* Fact Sheet on "Socioeconomic data and its limitations for IAV analyses"

## 3. Progress with TGICA agenda (2/2)

### Capacity Building

- Report being finalised on discussions about data provision, portals and other initiatives with GEOSS, WMO/GCOS and UNEP/PROVIA
- A list of networks for future outreach compiled and under review
- TGICA Expert Meeting/Workshop on Regional Capacity Building (mid-2014): task team is advancing preparation

### Some other initiatives

- Engagement with Global Framework for Climate Services
- Engagement with WCRP Working Group on Regional Climate
- Archiving of new emissions scenario datasets

### Membership

- Co-chairs will extend their tenure until end of IPCC cycle (2015)

**Thank you for your attention**



**Left to right:** Local assistant, Sergey Semenov, Michael Lautenschlager, Igor Shkolnik, Xioashi Xing, Vladimir Kattsov, Martin Juckes, Alexander Zaitsev, Daniel Bouille, Monalisa Chatterjee, Gregory E. Insarov, Francisco Meza, Timothy Carter, Volker Krey, Charlotte Pascoe, Mariane Diop-Kane, Bruce Hewitson, Allison Thomson, Seita Emori, Rachel Warren, Fernanda Zermoglio, Robert Chen

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