



World Meteorological Organization  
Organisation météorologique mondiale  
Organización Meteorológica Mundial  
Всемирная метеорологическая организация  
المنظمة العالمية للأرصاد الجوية  
世界气象组织

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Our ref.: 27791/2018/CLW/CLPA/CCA/CCI-17

25 October 2018

Annex: 1 (available in English only)

Subject: Composition of Expert Teams of the Commission for Climatology

Ref.: 27791/2018-2.1 CLW/CLPA

Dear Sir/Madam,

Following my letter dated 23 January 2018 in which I invited you to nominate experts to undertake the work of the Commission for Climatology (CCI), I am pleased to inform you on behalf of the CCI President Ms Manola Brunet, on the composition of the Expert Teams under the four Focus Areas (Annex) approved by the Commission during its Seventeenth Session (CCI-17), held in Geneva, Switzerland, from 10 to 13 April 2018.

The complete CCI organizational structure can be found at:  
<http://www.wmo.int/pages/prog/wcp/ccl/ccl-17-structure.php>. The full CCI-17 report can be found at: [https://library.wmo.int/doc\\_num.php?explnum\\_id=4611](https://library.wmo.int/doc_num.php?explnum_id=4611).

I wish to thank you for your continued support to WMO Programmes and activities, including the Commission for Climatology.

Yours faithfully,

(E. Manaenkova)  
for the Secretary-General

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO

cc: Hydrological Advisers to Permanent Representatives

**WORLD METEOROLOGICAL  
ORGANIZATION**

COMMISSION FOR CLIMATOLOGY  
OFFICE OF THE PRESIDENT



**M. Brunet  
President**

**ORGANISATION MÉTÉOROLOGIQUE  
MONDIALE**

COMMISSION DE CLIMATOLOGIE  
BUREAU DE LA PRÉSIDENTE

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Our ref.: CLPA/CCA/CCI

8 October 2018

Annex: 1

Subject: Circular letter of the President of the Commission for Climatology announcing the composition and membership of Expert Teams

Dear Colleagues and Friends,

I am pleased to inform you of the results of the 1<sup>st</sup> meeting of the Management Group (MG) of the WMO/Commission for Climatology (CCI) on the composition and membership for the Expert Teams (ET) under the four Focus Areas (FA) approved in the CCI-17<sup>th</sup> Conference for the 17<sup>th</sup> intersession period. In the Annex to this letter, you will find the ET's membership. The complete CCI organisational structure can be found at <http://www.wmo.int/pages/prog/wcp/ccl/ccl-17-structure.php>.

As you may recall, the Commission charged the Management Group with the responsibility of identifying the experts for its various working structures. The Commission also provided guidance, in the form of recommendations to the Management Group, on experts from each region. These recommendations have been taken into account in the final composition of the working structures to the fullest extent possible, at the same time also taking into consideration regional and gender balance.

To: Members of the Commission for Climatology  
Members of the CCI Management Group, Focus Areas and Experts

cc: Presidents of technical commissions )  
Presidents of regional associations )  
Chairpersons of regional associations' working groups ) (for information)  
and regional associations' rapporteurs dealing with )  
CCI-related matters )

WMO is rapidly expanding its engagement with development partners to provide an increased level of support to Members. Therefore, experts nominated by Permanent Representatives who have not been placed in working structures are nevertheless an important resource for WMO.

I have no doubt that present and future new and exciting challenges that CCI will face during this new intersessional period will foster successful activities that will bring benefits for the entire WMO family. The work of the volunteers and the kind nominations by the Permanent Representatives are an invaluable support for CCI work. More information on the outcomes of the Management Group meeting will be forthcoming in a subsequent circular letter shortly.

Yours sincerely,

A handwritten signature in dark ink, consisting of a large, stylized initial 'M' followed by several loops and a long horizontal stroke at the end. The signature is enclosed in a thin black rectangular border.

(M. Brunet)  
President  
Commission for Climatology

## **COMMISSION FOR CLIMATOLOGY MEMBERSHIP OF FOCUS AREAS, TEAMS AND RAPPORTEURS**

### **Management Group**

The composition of the Management Group has been expanded to include:

**Special Advisor to the President of CCI on High-level Science-Policy Climate**

**Related issues**                      Mr Carlos Fuller (Belize)

### Terms of Reference:

- a) Report on and interpret relevant decisions and outcomes of high level science-policy climate related events, such as the Subsidiary Body for Scientific and Technological Advice (SBSTA) of the United Nations Framework Convention on Climate Change (UNFCCC) and Conference of Parties (COP), as to their implications for WMO and CCI's work,
- b) Advise the President of CCI on implications relevant to climate data, observations, monitoring, prediction and projection, according to discussions and deliberations in the UNFCCC Research Dialogue and agenda items related to Research and Systematic Observations during SBSTA sessions,
- c) Facilitate the linkage of CCI methodologies and toolkits with adaptation planning and practices, such as are described in the UNFCCC guidelines on National Adaptation Plans (NAPs) and promote their use in the Focal Point Forum on the Nairobi Work Programme ,
- d) Advise the President of CCI on the integration of CCI outputs into UNFCCC policy processes,
- e) Explore additional means to improve the linkage between the CCI and the UNFCCC processes.

### **Focus Area-1: Climate Monitoring, Data and Assessment**

Co-chairperson:                      Ms Fatima Driouech (Morocco)

Co-chairperson:                      Mr Xiaolong Jia (China)

Co-chairperson:                      Mr William Wright (Australia)

#### **1.1 Rapporteurs**

1.1.1 Rapporteur on developing reference observing networks and long term observing stations

Mr Andrea Merlone (Italy)

1.1.2 Rapporteur on world weather and climate extreme records (new function)

Mr Randall Cerveny (USA)

### **Terms of Reference, mission and deliverable:**

#### Terms of Reference:

- a) Ensure leadership for assessing world records on weather and climate extremes, documenting such events, e.g., in peer-reviewed scientific papers and maintaining a database of extreme records;
- b) Create and further develop guidelines and mechanisms on verification of national, regional and global extremes as well as on its archiving

#### Mission:

Lead assessments of world records on weather and climate extremes

#### Deliverable:

Evaluation of world records on weather and climate extremes and maintain their database

## **1.2 Expert Team on Data Development and Stewardship (ET-DDS)**

Experts: Ms Christina Lief (USA) lead  
 Ms Brigitte Dubuisson (France) co-lead  
 Mr Ali Eddenjal (Libya)  
 Mr Ashis Mitra (India)  
 Mr Lipeng Jiang (China)  
 Mr Reinaldo Silveira (Brazil)  
 Ms Xiaolan Wang (Canada)  
 Mr David Sinclair (Australia)  
 Mr José-Antonio Guijarro (Spain)

Associated experts: Ms Rachida Elouaraini (Morocco)  
 Ms Ge Peng (USA)  
 Mr Markus Donat (Australia)  
 Mr Guido Fioravanti (Italy)

## **1.3 Expert Team on Data Rescue and Management**

Experts: Ms Nancy Westcott (USA) co-lead  
 Mr Denis Stuber (France) co-lead  
 Mr Husayn Ahmeed (Libya)  
 Mr N'Koyi M'poh (Togo)  
 Mr Nadeem Faisal (Pakistan)  
 Ms Gao Feng (China)  
 Ms Maria Skansi (Argentina)  
 Ms Clara Oria (Peru)  
 Mr Urip Haryoko (Indonesia)  
 Mr Bruce Bannerman (Australia)  
 Ms Petra Pearce (New Zealand)  
 Mr Robert Allan (UK)

Associated experts: Mr Richard Crouthamel (USA)  
 Mr Hermann Mächel (Germany)  
 Ms Sylvie Jourdin (France)  
 Mr Stephen Palmer (UK)

## **1.4 Working Group on Climate Data Exchange**

Experts: Mr Radim Tolasz (Czech Republic) lead  
 Ms Juliana Ungaro (New Zealand)  
 Mr Aymen Agrebi (Tunisia)  
 Mr Hamidres Solaymani (Iran)  
 Ms Andrea Ramos (Brazil)  
 Ms Anna Milan (USA)  
 Mr Aleksandr Sterin (Russian Federation)

Associated experts: Mr Ashraf Zakey (Egypt)  
 Ms Jie Liao (China)  
 Ms Sharon Nicholson (USA)  
 Ms Linden Ashcroft (Australia)  
 Ms Zarmandukht Petrosyan (Armenia)  
 Mr Simon Noone (Ireland)

## **1.5 Expert Team on WMO Climate Statement**

Experts: Mr John Kennedy (UK) lead  
 Mr Ardasena Sopaheluwakan (Indonesia) co-lead  
 Mr Kouakou Dje (Cote d'Ivoire)  
 Mr Anil Gupta (India)  
 Mr José Brito (Brazil)  
 Ms Jessica Blunden (USA)

Associated experts: Ms Gönül Kiliç (Turkey)  
 Mr Huang Lei (China)  
 Ms Saviz Sehatkashani (Iran)  
 Mr Jose Luis Stella (Argentina)  
 Mr Blair Trewin (Australia)

### **1.6 Expert Team on Operational Climate Monitoring**

Experts: Mr Blair Trewin (Australia) lead  
 Mr Ladislaus Chang'a (Tanzania) co-lead  
 Ms Yuan Yuan (China)  
 Ms Madeleine Renom (Uruguay)  
 Mr Justin Crouch (USA)  
 Mr Simon Grainger (Australia)  
 Ms Ljudmilla Kolomeets (Russian Federation)  
 Mr Serhat Sensoy (Turkey)

Associated experts: Mr Anis Zammel (Tunisia)  
 Ms Gervaise Issengue (Congo)  
 Mr Xuebin Zhang (Canada)  
 Ms Mary Curley (Ireland)  
 Mr John Kennedy (UK)  
 Ms Jasminka Smailagic (Serbia)

## **Focus Area 2: Climate Services Information System (CSIS) Operations**

Co-chairperson: Mr Jean-Pierre Céron (France)  
 Co-chairperson: Mr Akihiko Shimpo (Japan)

### **2.1 CCI/CBS Inter-Programme Expert Team on Regional Climate Activities**

Experts: Ms Valentina Khan (Russian Federation) lead  
 Mr Sivananda Pai (India) co-lead  
 Ms Soumaya Ben Rached (Tunisia)  
 Mr Yasushi Mochizuki (Japan)  
 Mr Caio Coelho (Brazil)  
 Mr Adrian Trotman (BCT)  
 Mr Raizan Rahmat (Singapore)  
 Mr Stefan Rosner (Germany)  
 Ms Clare Goodess (UK)  
 Mr David Jones (CBS expert)  
 (one more CBS expert)

### **2.2 CBS/CCI Inter-Programme Expert Team on Operational Prediction on Sub-seasonal to Longer-time Scales**

Experts: Mr Cedric Van Meerbeck (BCT)  
 Mr Nicolas Fauchereau (New Zealand)  
 Mr Jean-Pierre Céron (France)  
 Plus 13 members nominated by CBS, with both lead and co-lead from CBS.

### **2.3 Task Team on Climate Services Toolkit and Downscaling**

Experts: Ms Marina Timofeyeva-Livezey (USA) lead  
 Ms Habiba Ismail Mtongori (Tanzania) co-lead  
 Mr Zhiqiang Gong (China)  
 Mr Iman Babaeian (Iran)  
 Mr Yury Escajadillo (Peru)  
 Mr Alex Cannon (Canada)

Mr Yuriy Kuleshov (Australia)  
 Ms Anca Brookshaw (UK)  
 Mr Simon Mason (USA)

## **2.4 Expert Team on Tailoring Climate Information** (Joint with Focus Area 3 – See E.T. 3.4)

### **Focus Area 3: Climate Services for Societal Benefits**

Co-chairperson: Mr Andrew Tait (New Zealand)  
 Co-chairperson: Mr Rodney Martinez (Ecuador)

#### **3.1 Expert Team on Climate Risk Management**

Experts: Mr Guillermo Podesta (Argentina) co-lead  
 Ms Ayse Sezin Tokar (USA) co-lead  
 Mr Daniel Wafula Wepukhulu (Kenya)  
 Mr Cheolhan Bang (Korea)  
 Ms Christa Pudmenzky (Australia)  
 Ms Elena Akentyeva (Russian Fed)

#### **3.2 Expert Team on Sector-specific Climate Indices**

Experts: Mr Adam Kalkstein (USA) co-lead  
 Ms Lisa Alexander (Australia) co-lead  
 Ms Laïla Errachid (Morocco)  
 Mr Toshiyuki Nakaegawa (Japan)  
 Ms Danielle Barros Ferreira (Brazil)  
 Ms Lia Megrelidze (Georgia)  
 Mr Jorge Luis Vazquez-Aguirre (Mexico)

#### **3.3 Expert Team on National Frameworks for Climate Services (NFCS)**

Experts: Ms Grinia Avalos (Peru) co-lead  
 Mr Brad Murphy (Australia) co-lead  
 Mr Wilbert Timiza Muruke (Tanzania)  
 Mr Chan Xiao (China)  
 Ms Ellen Mecray (USA)  
 Ms Angela Michiko Hama (Switzerland)

#### **3.4 Expert Team on Tailoring climate Information**

Experts: Mr David Walland (Australia) co-lead  
 Mr Chris Hewitt (UK) co-lead  
 Ms Khadija Kabidi (Morocco)  
 Mr Akira Ito (Japan)  
 Ms Claudia Villarroel (Chile)  
 Ms Beth Hall (USA)  
 Mr Alex Pezza (New Zealand)  
 Ms Mirjana Ivanov (Montenegro)

### **Focus Area 4: Capacity Development for Climate Services**

Co-chairperson: Ms Tanja Cegnar (Slovenia)  
 Ms Charlotte McBride (South Africa)

#### **4.1 Expert Team on Capacity Development for Service Delivery including Quality Management**

Experts: Mr Wassila Thiaw (USA) lead  
 Mr Rachid Sebbari (Morocco) co-lead (TBC)

Associated experts:

- Mr Ebrahim Asadi Oskouei (Iran)
- Ms Godilia Teresa Garcia Vilca (Peru)
- Ms Helen Tseros (Australia)
- Ms Jennifer Joy West (Norway)
- Ms Fatima Zahra Bensaid (Morocco)
- Mr Francisco Villalpando (Mexico)
- Ms Jane Strachan (UK)

#### **4.2 Task Team on the Guide to Climatological Practices (WMO-No. 100)**

Experts:

- Mr Govindarajalu Srinivasan (India) lead
- Mr Mohamed Hajjej (Tunisia)
- Mr Manoel Alonso Gan (Brazil)
- Mr Nathaniel Guttman (USA)
- Mr Ian Barnes-Keoghan (Australia)
- Mr Gregor Macara (New Zealand)
- Ms Stanislova Kliegrova (Czech Rep)

#### **4.3 Expert Team on Human Resources Development**

Experts:

- Mr Enric Aguilar (Spain) lead
- Mr Ousmane Ndiaye (Senegal)
- Mr Dushmanta Pattanaik (India)
- Ms Mercy Julia Borbor-Cordova (Ecuador)
- Ms Tannecia Stephenson (Jamaica)
- Ms Agnieszka Agata Imielska (Australia)
- Mr Yahya Abawi (Australia)

Associated experts:

- Ms Marina Baldi (Italy)
- Ms Barbara Bourdelles (France)

#### **4.4 Expert Team on Communication and Outreach**

Experts:

- Ms Mariela de Diego (Argentina) co-lead
- Ms Sarah Perkins-Kirkpatrick (Australia) co-lead
- Mr Abakar S. Hamid (Chad)
- Ms Wang Zunya (China)
- Mr F. Adnan Akyuz (USA)
- Mr Gerald Flemming (Ireland)

#### **Implementation Coordination Team on the Climate Services Information System (ICT-CSIS)**

Chairperson:

- Mr Roger Pulwarty (USA)

Ex officio CCI-MG

- Ms Barbara Tapia (Chile)

Members:

- Ms Brigitte Dubuisson (France)
- Mr Ladislaus Chang'a (Tanzania)
- Ms Valentina Khan (Russian Federation)
- Mr Govindarajalu Srinivasan (India)
- Ms Anca Brookshaw (UK)
- Ms Marina Timofeyeva-Livezey (USA)\*
- Mr Rodney Martinez (Ecuador)
- Mr Andrew Tait (New Zealand)
- Mr Chris Hewitt (UK)\*
- Ms Tanja Cegnar (Slovenia)
- Ms Charlotte McBride (South Africa)

\*CSIS-relevant GFCS Pillars (included in ICT- CSIS membership): TBC Mr Panmao Zhai (China), other Commissions: CHy, CAgM and CBS