

**WMO OMM**

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.: 04428/2021/SI/SAP

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Annex: 1 (available in English only)

Subject: Call for three members of the WMO Scientific Advisory Panel (SAP)

Dear Sir/Madam,

As you are aware, the Scientific Advisory Panel (SAP) was established in 2019 by [Resolution 10 \(Cg-18\)](#) - Scientific Advisory Panel, as the scientific advisory body of the World Meteorological Organization (WMO). Its mandate is to make recommendations to Congress and to the Executive Council on matters concerning WMO long-term research strategies and optimal directions related to weather, climate, water and related environmental and social sciences. As per the Terms of Reference of the SAP (provided in the [annex](#)), the SAP provides forward-looking strategic advice on emerging challenges and new opportunities to WMO as a whole, inspiring the main bodies of the organization in exploring new technological and scientific topics.

The SAP is currently working on four major science challenges to deliver WMO's future strategy:

- (1) Earth-system weather and climate prediction and insight,
- (2) Future challenges of the global observing network,
- (3) Environmental services based on science for all,
- (4) Global innovation and knowledge: towards extensive scientific and socio-economic partnership and cooperation.

In order to provide significant input into the four challenges, WMO is looking for three world leading experts from Africa, the southern Pacific and South America with key expertise connecting scientific and technological sectors in line with the above four topics.

To date, there are three vacant SAP positions. In keeping within the Terms of Reference of the SAP, the opportunity to become a member of SAP shall be publicly announced on the WMO public website and through the WMO communication channels, for individuals to put their name forward, or to nominate suitable individuals from relevant science sectors and academia.

To: Permanent Representatives of Members with WMO

cc: Hydrological Advisers

In this respect, you are kindly requested to widely promote and disseminate the announcement to leading scientific and technological communities, research centres and academia in order to encourage nominations and self-nominations. Applicants should send a curriculum vitae detailing their education, experience, relevant skills and contribution to the challenges mentioned above, date of birth, nationality and contact details as well as a maximum one-page letter of motivation to Prof. J. Luterbacher, Director, Science and Innovation Department, WMO (jluterbacher@wmo.int), with a copy to Ms Kate Solazzo, Coordination Officer, Science and Innovation Department (ksolazzo@wmo.int). The call will be open until 9 April 2021, 2400 CET. For any questions, please contact Prof. J. Luterbacher.

The Executive Council will select and appoint members in June 2021 in accordance with the established procedure.

Yours faithfully,



Prof. Petteri Taalas
Secretary-General

TERMS OF REFERENCE OF THE SCIENTIFIC ADVISORY PANEL (SAP)

Ref.: 04428/2021-1.2 SI

Mandate

The Scientific Advisory Panel (SAP) shall be the scientific advisory body of the Organization, drawing up opinions and making recommendations to Congress and to the Executive Council on matters concerning WMO research strategies and the optimal scientific directions to support the evolution of its mandate in weather, climate, water and related environmental and social sciences. The Panel shall provide forward-looking strategic advice on emerging challenges and opportunities, and in particular:

- (1) Advise on areas in which, on the basis of available evidence, new technological and scientific advancement would lead to new applications related to WMO core activities;
- (2) Promote the global standing and visibility of WMO as a leading scientific organization in the fields of weather, climate, water and related environmental and social sciences within the UN and otherwise, and enhance the WMO role as facilitator of international cooperation in weather, climate, water, ocean and environmental sciences among all role players;
- (3) Promote science vision, and its downstream trends, with WMO and among its Members as the primary driver for innovation, understanding and the development of new and improved weather, climate, water, ocean and related environmental services and know-how.

Composition

The Panel shall be composed of maximum fifteen independent leading internationally recognized experts coming from the fields of weather, climate, water, ocean and related environmental and social sciences.

The opportunity to become a member of the Panel shall be announced publicly for individuals to put their name forward. The members of the Panel shall be appointed by the Executive Council, taking into account regional and gender balance and representation of academia, research bodies, the private sector and user communities reflecting the breadth of engagement in WMO Research Programmes. The selection of names to be proposed to the Executive Council to be appointed as Panel members shall be done by the Secretariat in consultation with the Chair of the Research Board. The terms of engagement for members shall be four years with the possibility of renewal for a second term.

A WMO Vice-President shall act as an Executive Council focal point for the Panel to ensure cross-communication.

The Chair of the Research Board and a representative of the Secretariat shall take part in the meetings of the Panel.

Decisions on the composition of the SAP and the Research Board shall be made independently. However, experts may not be members of the Research Board and the Scientific Advisory Panel at the same time.

Working procedures

The Panel shall select a Chair and a Vice-Chair.

The Panel shall meet in principle once per year prior to a session of the Executive Council.

The Chair of the Research Board together with the Secretariat shall support the Chair of the Panel in setting up and executing the meetings. The Chair of the Panel may invite experts and/or representatives from partner organizations to attend meetings of the Panel as observers.
