



Science20 (S20) and Ocean20 (O20) G20 Engagement Groups

invite you to a webinar on

**Open Climate: Advancing data sharing for climate action
through academia and research communities**

Date: Thursday, 28 August 2025
Time: 10:00 to 12:00
Venue: Zoom
RSVP: [Click here to register](#)

BACKGROUND

As the impacts of climate change intensify, the need for accessible, reliable, and interoperable climate data is more urgent than ever. Effective mitigation and adaptation strategies depend on the open exchange of high-quality data across disciplines, sectors, and borders. This webinar will explore how academia and research communities - particularly within G20 countries - can take a leading role in advancing the Open Climate agenda.

This webinar aims to examine the current state of climate data sharing and interoperability across research institutions in the G20, with particular attention to the Global South. It will explore how Indigenous Knowledge Systems (IKS) are being integrated into climate data ecosystems and discuss enabling policy frameworks and initiatives that support open climate data. The discussion will identify opportunities for scientific communities to bridge policy and practice and take a leadership role in open data governance. South Africa's contributions and challenges will be highlighted, particularly through the work of ASSAf, SAEON, and the National Climate Change Information System (NCCIS). Finally, the webinar will explore how these efforts align with global initiatives, such as the G20 Environment and Climate Sustainability Working Group and the Initiative on International Cooperation in Open Science, launched by China, Brazil, South Africa, and the African Union at the 2024 G20 Summit.

