

Dear Colleagues,

Scenario Database: IPCC AR6 WG III

23/08/2019

As Co-chairs of Working Group III (WG III) of the Intergovernmental Panel on Climate Change (IPCC), which addresses the mitigation of climate change, we are writing to offer our support for the calls for scenarios issued jointly by the Integrated Assessment Modelling Consortium (IAMC) and the International Institute for Applied Systems Analysis (IIASA). Two calls are currently envisaged:

- A call coordinated by WGIII Chapter 3, *Mitigation pathways compatible with long-term goals*, primarily intended for global and macro-region scenarios long-term scenarios, but also relevant to sectoral chapters, e.g. energy, AFLOU, buildings transport etc., expected mid-August 2019
- A call coordinated by WGIII Chapter 4, *Mitigation and development pathways in the near- to mid-term*, primarily intended for national and near- to mid-term scenarios, expected in September 2019

IPCC's role is to assess literature relevant to climate change and as such does not develop its own scenarios. It is therefore reliant on the modelling communities to make the results of their scenario- building efforts available in a structured and readily accessible form. The IAMC/IIASA initiative fulfils this role admirably and we therefore strongly encourage modelling teams to deposit scenarios relevant to the IPCC 6th Assessment Report (AR6) in the new database. The database will provide a confidential database resource to IPCC Lead Authors and then will become public open-access upon approval of the AR6 report.

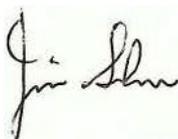
The preceding AR5 and SR15 databases were used extensively in the IPCC Fifth Assessment Report (AR5) and Special Report on Global Warming of 1.5°C (SR15), and have subsequently been widely used in the academic literature, and helped to inform the Paris climate agreement. Bodies such as the United Nations Environment Program (UNEP) have made extensive use of them in assessing progress in the follow-up to Paris. We anticipate that similar outcomes will arise from the new database. The database is not only a critical part of the climate mitigation research infrastructure. It has also had a real and substantial impact in the policy world.

We would particularly encourage modelling teams who have not previously contributed to the AR5 and SR15 and similar databases to participate. Your contribution will help to build a substantial and authoritative evidence base for the IPCC AR6 and bring a wide range of scenarios, with global, national and sectoral detail, to the attention of policymakers.

Please consider contributing if you can. This is an important and scientifically robust initiative.

Jim Skea

PR Shukla



Co-Chairs IPCC WG III