

OVERSHOOT - WHAT DOES IT MEAN TO EXCEED 1.5°C

TUESDAY 8TH NOVEMBER - 18:00-20:00

Organizer: IPCC Working Groups I, II, III (Anna Pirani, Elvira Poloczanska, Jan Fuglestedt, Andy Reisinger)

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OBJECTIVE

THE SESSION ADDRESSES THE CONCEPT OF OVERSHOOT - EXCEEDING THEN RETURNING TO OR BELOW A LEVEL OF GLOBAL WARMING - IN THE CONTEXT OF THE LONG TERM GLOBAL TEMPERATURE GOAL. OVERSHOOT IN THE IPCC SIXTH ASSESSMENT REPORT (AR6) CUTS ACROSS ALL ASPECTS OF THE CLIMATE CHANGE ASSESSMENT OF CLIMATE RESPONSES, IMPACTS, ADAPTATION AND MITIGATION. PRESENTATIONS FROM AUTHORS OF THE THREE IPCC WORKING GROUPS WILL DISCUSS HOW OVERSHOOT HAS BEEN ASSESSED FROM A CONCEPTUAL PERSPECTIVE, IN FUTURE CLIMATE AND SOCIO-ECONOMIC SCENARIOS, THE IMPLICATIONS FOR CLIMATE, INCLUDING EXTREMES, AND FOR NATURAL AND HUMAN SYSTEMS, AND THE IMPLICATIONS FOR POLICY DEVELOPMENT. THE SESSION WILL INCLUDE AN EXCHANGE WITH IPCC AUTHORS AND POLICYMAKERS ON THE STATE OF KNOWLEDGE, THE GAPS AND NEEDS TO INFORM POLICY DEVELOPMENT AND THE UNFCCC PROCESS.

AGENDA

Opening and Welcome		
18:00	Introduction to the session including the overshoot concept and how it has been assessed by the IPCC AR6	Jan Fuglestedt, Anna Pirani
Moderators: Jan Fuglestedt, Elvira Poloczanska		
18:15	Overshoot in the context of UNFCCC and the Long Term Global Goal	Jo Post
18:30	Panel joint presentations followed by discussion with the audience on the assessment of overshoot in the AR6 <ul style="list-style-type: none"> 1. Key risks for natural and human systems // Sectoral and societal implications of exceeding global warming of 1.5°C 2. Overshoot concept and carbon dioxide removal // Future scenarios 3. Earth system climate response // Regional climate and extremes 4. Global South perspective, biodiversity perspective and also adaptation limits broadly 	Richard Betts and Carolina Adler Oliver Geden and Kate Calvin Chris Jones and Sonia Seneviratne Shobha Maharaj and Chris Trisos
19:30-19:45	Discussion	
Closing		
19:45	Closing remarks	Andy Reisinger (WGIII Vice Chair)