

6^{ème} rapport d'évaluation du GIEC Rapport du groupe III, 2021

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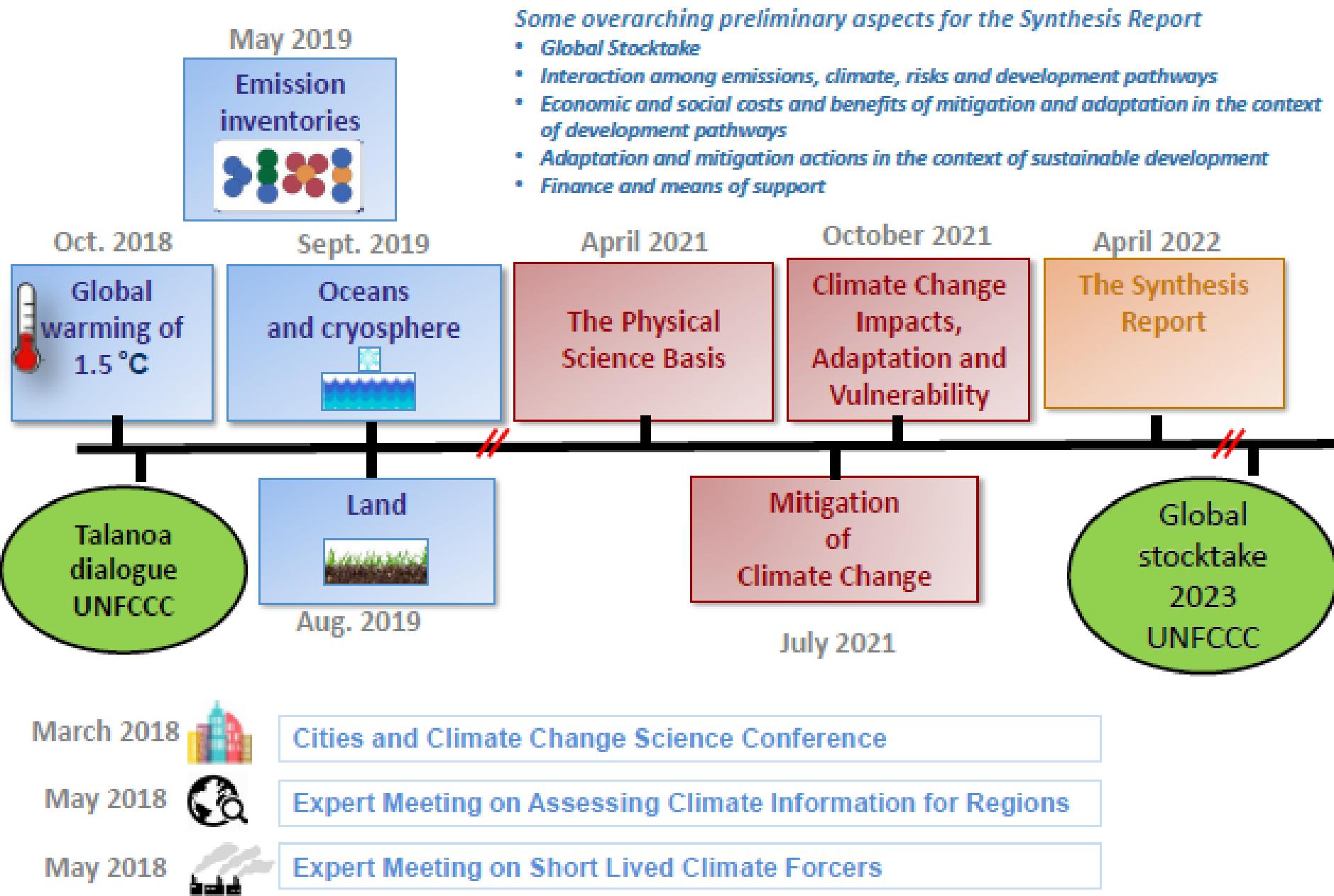
Journée de la chaire MPDD, 13.11.2019



6ème rapport d'évaluation du groupe 3 du GIEC

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IPCC Sixth Assessment (AR6)



Calendrier

- 13 janvier – 8 mars 2020. Revue du *First Order Draft* par les experts
- 15 juin 2020. Date limite de soumission des papiers pour pouvoir être considérés dans l'AR6
- 13 juillet – 13 septembre 2020. Revue du *Second Order Draft* par les experts et les gouvernements
- 19 janvier 2021. Date limite d'acceptation des papiers.
- 12-16 juillet 2021. Plénière d'approbation. Publication.



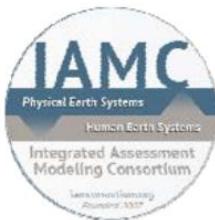
- 1: Introduction and Framing
- 2: Recent trends and drivers
- 3: Long term mitigation goals and pathways
- 4: Mitigation and development pathways in the near- to mid-term
- 5: Demand, services and social aspects of transformation
- 6: Energy systems
- 7: AFOLU
- 8: Urban systems and other settlements
- 9: Buildings
- 10: Transport
- 11: Industry
- 12: Responses across and beyond sectors
- 13: National and sub-national policies and institutions
- 14: International cooperation
- 15: Mobilising finance
- 16: Innovation, technology development and technology transfer
- 17: Accelerating the transition in the context of sustainable development



Ch.3: Mitigation pathways compatible with long-term goals

- Methods of assessment, including approaches to analysis of mitigation and development pathways
- Socio-cultural-techno-economic assumptions and projections, including regional differences (referring to baseline and mitigation scenarios, Shared Socio-economic Pathways (SSPs), etc.)
- Modelled emission pathways compatible with the Paris Agreement, including the long-term temperature goal and higher warming levels, taking into account CO₂, non-CO₂ and short-lived climate forcers
- **Role of changing climate on emissions**
- System transitions and/or transformation compatible with mitigation pathways, including supply and demand and integrating sectoral information
- Economics of mitigation and development pathways, including mitigation costs, investment needs, employment effects, etc.
- Technological and **behavioural** aspects of mitigation pathways and socio-technical transitions
- Interaction between near- to mid-term action, and long-term mitigation pathways
- Links to sustainable development including risks, co-benefits, synergies, trade-offs and spill-over effects
- Links to adaptation including risks, co-benefits, synergies, trade-offs and spill-over effects
- **Benefits of mitigation**, including information from WG II
- **Risk analysis of emission pathways considering uncertainty about climate response**

Call for global scenarios



International Institute for
Applied Systems Analysis
www.iiasa.ac.at

Request for Emissions Scenario Data in Support of the IPCC's Sixth Assessment Report

Overview

This call is for research institutions and modelling teams to make data of global emission scenarios available for the assessment of the Intergovernmental Panel on Climate Change's (IPCC) Sixth Assessment Report (AR6). The request is made by the Integrated Assessment Modeling Consortium (IAMC) and the International Institute for Applied Systems Analysis (IIASA) through a co-operation agreement with the

Ch.4 Mitigation and development pathways in the near- to mid-term

- **Accelerating mitigation in the context of sustainable development** at the national, regional and international scales
- Projections of socio-economic and demographic drivers (e.g. GDP, population)
- **Aggregate effects of climate action including NDCs** and other mitigation efforts relative to long-term mitigation pathways, including methodologies and gap analysis
- Mitigation efforts in the context of national and, where appropriate, subnational action plans and policies
- National, regional and global modelling of mitigation and development pathways in relation to mid-century strategies
- **Implications of mitigation for national development objectives**, including: employment, competitiveness, GDP, poverty, etc., and contributions of sustainable development pathways to mitigation
- **Enabling conditions for mitigation**, including technology development and transfer, capacity building, finance, and private and public sector participation
- Uncertainties and risks to the achievement of mitigation goals
- Links to sustainable development including risks, co-benefits, synergies, trade-offs and spill-over effects
- Links to adaptation including risks, co-benefits, synergies, trade-offs and spill-over effects
- Benefits of mitigation, and mitigation co-benefits of adaptation including information from WG II

Call for national scenarios



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UNIVERSITY OF CAPE TOWN
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Réflexions sur le rôle du WG3

- Déplacement du focus : du groupe 1 vers le groupe 2 ... puis vers le groupe 3 ?
- WG3 sous pression après les trois rapports spéciaux
 - Comment déclencher vite la transition ?
- Un lien avec le développement à revisiter
 - Comment agir avec un apport tangible pour les objectifs de développement à court terme ?





Merci

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