IPCC Special Report on Climate Change and Land (SRCCL)

Climate Change and Land: an IPCC special report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems





Special Report on Climate Change and Land: History

- 2015 41st Session of the IPCC (Nairobi, Kenya): The Panel asked IPCC Secretariat to invite Member States and Observer Organizations to submit views on potential themes for Special Reports during the AR6 cycle.
 - July 2015: IPCC issued call for topics
 - Topics analysed by Co-Chairs and clustered by theme
- 2016 43rd Session of the IPCC (Nairobi, Kenya): Co-Chairs presented proposed Special Report themes to the Panel for discussion.
 - 9 clusters on different themes including land, oceans, cities
 - 2nd biggest cluster: 7 proposals relating to land.



Proposals related to Land

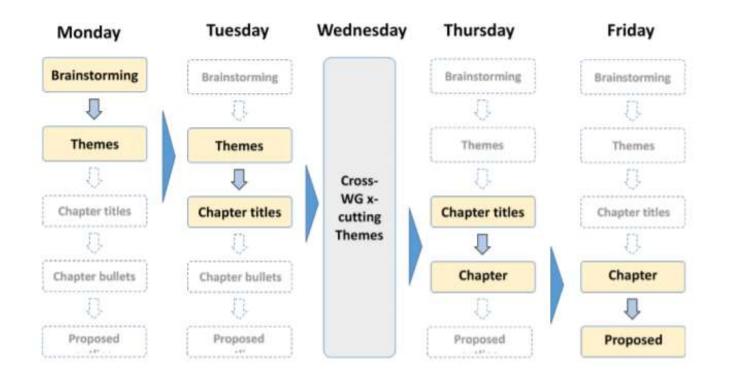
Country or Observer	Topic
Saudi Arabia	Desertification with regional aspects
Algeria	Climate change and desertification
Ireland	Climate change, food and agriculture
CAN International	Food security and climate change
European Union	Agriculture, food and other land use (AFOLU)
UNCCD	Climate change and land degradation - An Assessment of the inter-linkages and integrated strategies for mitigation and adaptation
Switzerland	Climate change and mountains





Scoping meeting in Dublin, Ireland (February 2017)

Structured bottom-up process: no draft outline to start the meeting







The issues in-depth

The Steering Committee also held in-depth web conferences with:

- UN Convention to Combat Desertification (UNCCD)
- Food and Agriculture Organization (FAO)
- Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)





Special Report Outline

Agreed at 45th session of the IPCC in Guadalajara, Mexico (March 2017)

Summary for Policy Makers Technical Summary

Chapter 1: Framing and Context

Chapter 2: Land-Climate Interactions

Chapter 3: Desertification

Chapter 4: Land Degradation

Chapter 5: Food Security

Chapter 6: Interlinkages between desertification, land

degradation, food security and GHG fluxes: Synergies,

trade-offs and integrated response options

Chapter 7: Risk management and decision making in relation to

sustainable development

Boxes, Case Studies and FAQs





SRCCL timeline

2018

MAR	26-30 March Second Lead Author Meeting
MAY	27 May
	First Order Draft submitted to TSU for compliation
JUNE	11 June - 5 August
	Expert review of First Order Draft Deadine 5 August
AUG	19 August
	Compiled review comments to Coordinating Lead Authors
SEPT	3 - 7 September
	Third Lead Author Meeting
OCT	28 October
	Literature deadline Literature for consideration by report authors must be submitted to publishers, by this date
Seco	4 November
	Second Order Draft submitted to TSU for compilation
	19 November - 13 January
	Expert and Government review of Second Order Draft Deadine 13 January 2019

JAN 23 January
Compiled review comments to Coordinating Lead Authors

FEB 11 - 16 February
Fourth Lead Author Meeting

APR 7 April
Literature deadline
Literature for cossideration by report authors must be accepted for publication by this date

14 April
Final draft submitted to TSU
29 April - 23 June
Final Government distribution

AUG 9 - 10 August
SPM Meeting with CLAs and SPM drafting team

12 - 16 August
Approval Plenary Joint WGI-II-III session







The Working Group III (Mitigation) contribution to the IPCC Sixth Assessment (AR6)





Approved outline of WG III AR6

Framing (1 chapter)

1. Introduction and framing

High-level assessment of emission trends, drivers and pathways (3 chapters)

- 2. Emissions trends and drivers
- 3. Mitigation pathways compatible with long-term goals
- 4. Mitigation and development pathways in the near- to mid-term

Sectoral chapters (8 chapters)

- 5: Demand, services and social aspects of mitigation
- 6: Energy systems

- 9. Buildings
- 7. Agriculture, Forestry, and Other Land Uses 10. Transport
- 8. Urban systems and other settlements
- 11. Industry

12. Cross sectoral perspectives

Institutional drivers (2 chapters)

- 13. National and sub-national policies and institutions
- 14. International cooperation

Financial and technological drivers (2 chapters)

- 15. Investment and finance
- 16. Innovation, technology development and transfer

Synthesis (1 chapter)

17. Accelerating the transition in the context of sustainable development

Set up sustainable development as key framing concept

> Balancing sources and sinks/warming levels

NDCs, emissions peaking, midcentury long-term low greenhouse gas emission development strategies

Orients sectors to human needs

The sectoral core: maps on to inventories

Responses not captured by sectoral framing

> Institutions, policies and cooperation

Financial flows + technological innovation

Synthesis sustainable development in different geographical scales





Second Order Draft (SOD) submitted to TSU for Compilation

29 Jun-12 Jul TSU compile Second Order Draft JUL 13 Jul-13 Sep 火 Expert & Government Review of the SOD & the FOD of the Summary for Policymakers (SPM) SEP 26 Sep TSU distribute compiled SOD review comments to CLAs OCT 25-31 Oct Fourth Lead Author Meeting (LAM4), Location TBC Week of 14 Dec (TBC) DEC SPM Drafting Authors Writing Workshop, Location TBC IAN 火 Literature deadline: cut-off date for accepted papers Literature for consideration by report authors must be accepted for publication by this date 31 Jan Final draft submitted to TSU I-I4 Feb TSU compile Final Draft 15 Feb-II Apr 火 Final Government Distribution (FGD) TSU send compiled SPM Review Comments to SPM Drafting Team 9-10 Jul IUL SPM Meeting, Location TBC 12-16 Jul 火 Approval Plenary, Location TBC







2020