







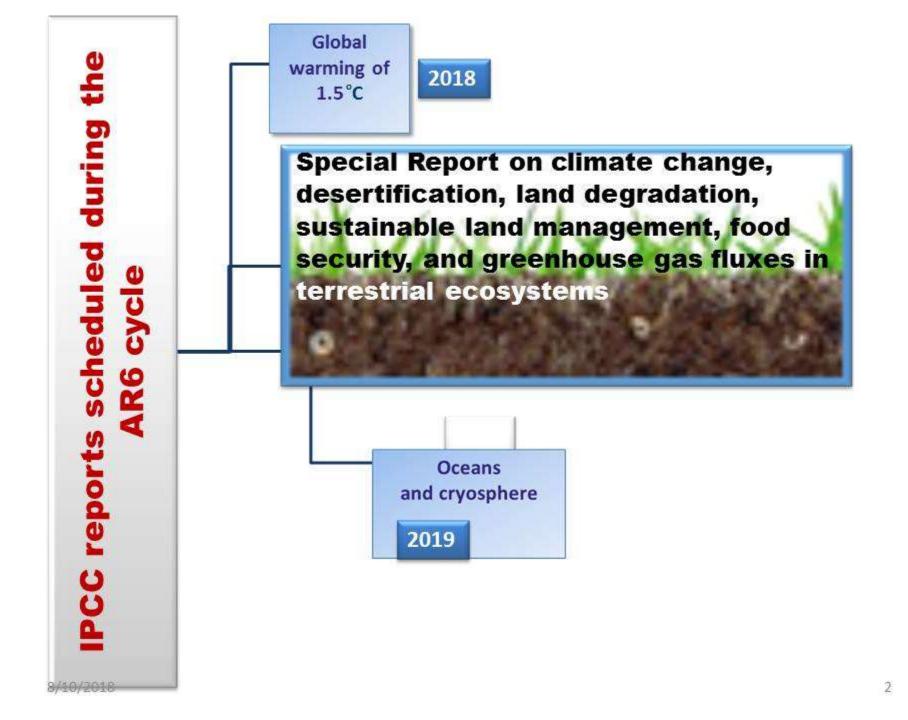
Outreach Event on the Role and Activities of the IPCC3.

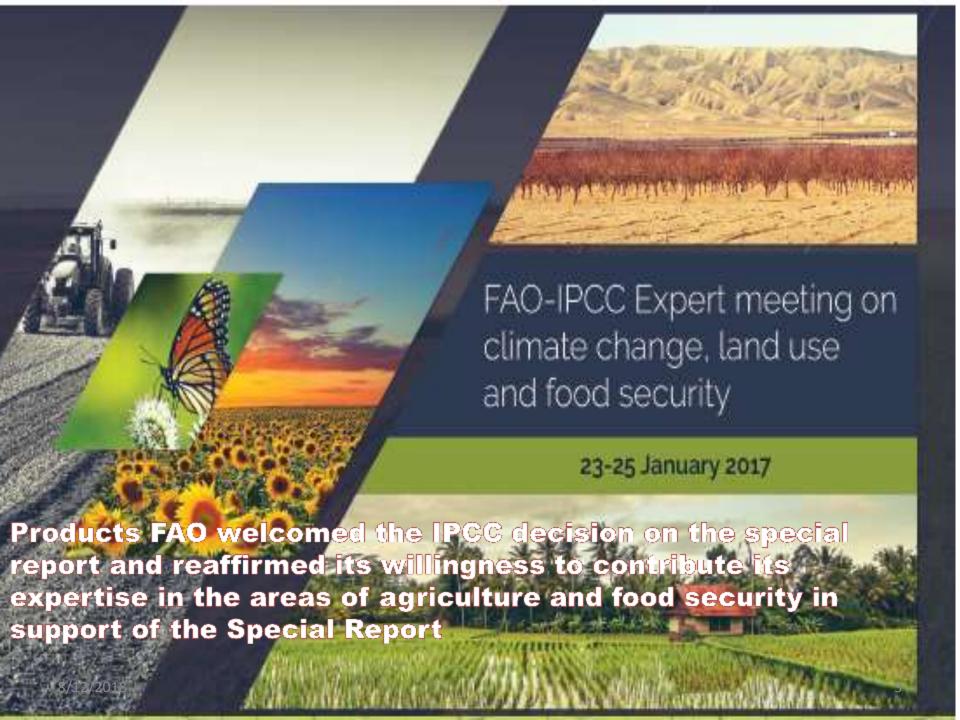
IPCC experience

Sawsan Khair Elsied Abdel Rahim Mustafa DG. Range and Pasture General Directorate, Ministry of Animal Resources

Sudan Khartoum, 12 – 13 August 2018

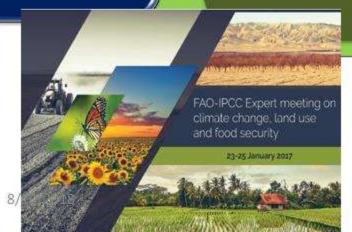
8/10/2018





FAO-IPCC EM objectives To place food security at the center of the debate related to CC, land use systems and the required adaptation and mitigation responses in line with the Paris Agreement and the SDGs

to provide
background support
to the IPCC scoping
meeting on the above
special report
February 2017



Sixth Assessment Report (AR6) Products
Member of IPCC Scoping meeting for the Special Report on
climate change, desertification, land degradation,
sustainable land management, food security, and
greenhouse gas fluxes in terrestrial ecosystems, 2017



Sudan total count: 2 experts

IPCC Working Group III TSU

Prepare title and chapter structure, together with an indication of the relative size of the various chapters, and an indicative list of topics to be addressed by authors of each chapter to be indorse in AR6

0/0/2010

Special Report on Global Warming of 1.5°C



Expert Reviewer August 2017 IPCC: WGI TSU

Participate in the First Order Draft Expert Review

Expert Review will take place from 31 July to 24 September 2017

The expert review of the First Order Draft is a key element of the IPCC assessment process. The purpose of this expert review is to help ensure that the report provides a balanced and comprehensive assessment of the latest scientific findings.

The IPCC Procedures state that the expert review process will be objective, open and transparent, involving as many independent experts as possible, seeking a range of views, expertise, and geographical representation.

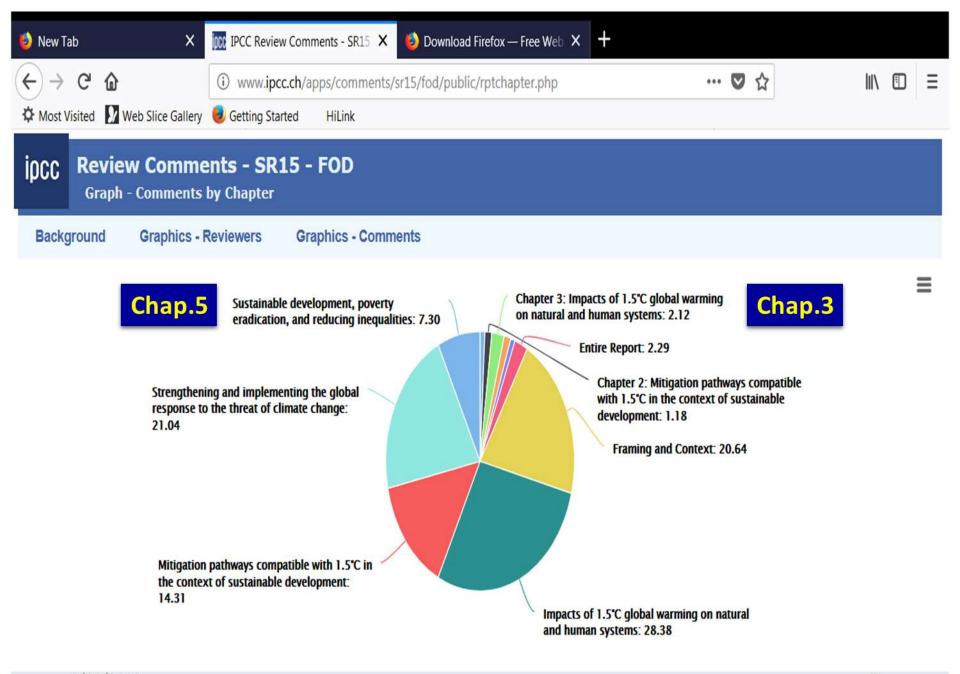
"The quality of the IPCC assessment strongly depends on the contribution made by expert reviewers from all over the world", says Valérie Masson-Delmotte, Co-Chair of Working Group I. "We solicit experts to join us in this review effort, including early career scientists, as an opportunity to participate in the IPCC process and contribute directly to the process of the special report." Chapter 3: Impacts of 1.5°C global warming on natural and human systems Chapter 5:
Sustainable
Development,
Poverty
Eradication
and Reducing
Inequalities

Registration from 17 July 2017 on https://www.ipcc.ch/apps/comments/sr15/fod/register.php

Need information?

- Check the IPCC website: http://www.ipcc.cl
- Contact Working Group I Technical Support Unit: tsu@ipcc-wg1.universite-paris-saclay.fr

Focus on substance comments: relative to contents rather than editorial



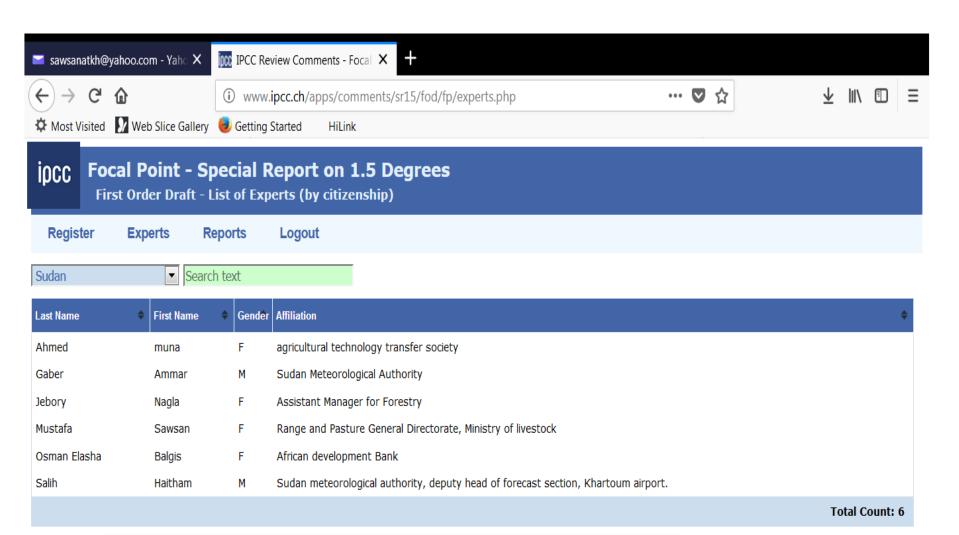
rst Review (by Experts

Circulated by Working Group/Task Force Bureau Co-Chairs

Scientific, technical and socioeconomic views, expertise, and geographical representation

at national level :the focal points complete this process

is a central component of the IPCC assessment process that aims to ensure that the Report represents scientific findings comprehensively and in a balanced way, as judged by a very broad range of experts



Sudan total count: 6 experts

8/12/2018

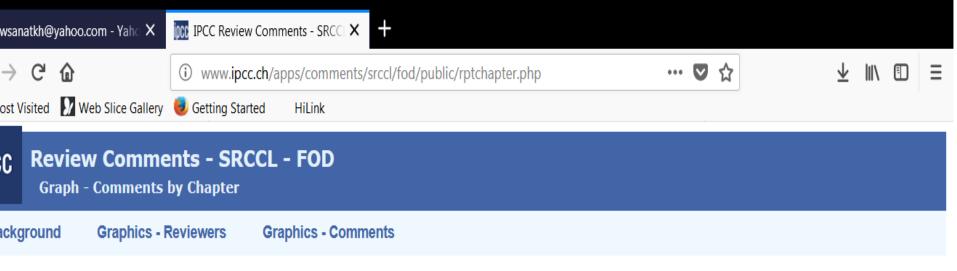
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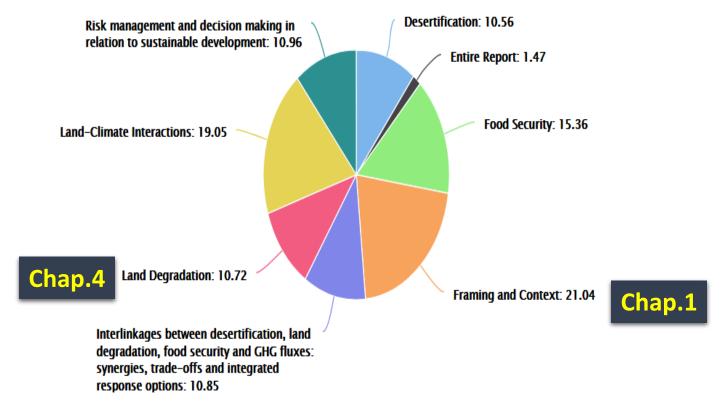
Expert Reviewer 2018

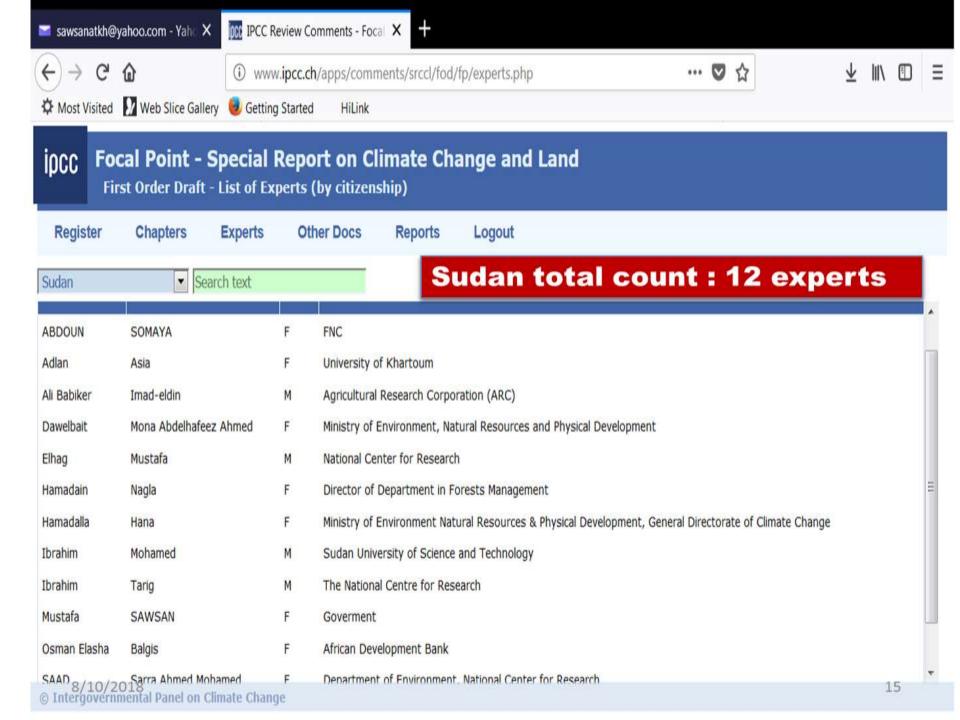
IPCC: WGIII TSU

FOD of IPCC special Report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems 2018

Chapter 1: Framing and Context Chapter 4: Land Degradat ion







Lead Authors for chapter1: Framing, context and methods IPCC WG1



INTERGOVERNMENTAL PANEL ON Climate change

Working Group I (WG I) - The Physical Science Basis

2 February 2018

Working Group I Contribution to the Sixth Assessment Report

Invitation to serve as Lead Author

Dear Sawsan MUSTAFA

On behalf of the IPCC Working Group I Bureau members, we are very pleased to invite you to serve as a **Lead Author** for **Chapter 1: Framing, context, methods** of the IPCC Working Group I Sixth Assessment Report.

Valérie Masson-Delmotte Co-Chair

Working Group I

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Panmao Zhai Co-Chair Working Group I





Lead Authors Roles

- Provide Significant contributions to chap.
- Chapter teams(LAs) must have a collective approach of the assessment, and a quality control of all chapter elements,
- LAs must review their full chapter. They are also encouraged to:
 - 1. Review other chapters
 - 2. Other Working Group
 - 3. Special reports for topics related to their expertise (consistency and avoid duplication)

Lead Authors Roles

- LAs from one chapter can be contributing authors (CAs)
 - 1. to provide relevant expertise to other chapters
 - 2. to ensure the coherent assessment and avoid duplication of topics that are relevant across multiple chapters

ar6 Working Group I Report

Summary for Policy Makers Technical Summary

Chapter 1: Framing, context, methods

Chapter 2: Changing state of the climate system

Chapter 3: Human influence on the climate system

Chapter 4: Future global climate: scenario-based projections and near-term information

Chapter 5: Global carbon and other biogeochemical cycles and feedbacks

Chapter 6: Short-lived climate forcers

Chapter 7: The Earth's energy budget, climate feedbacks, and climate sensitivity

Chapter 8: Water cycle changes

Chapter 9: Ocean, cryosphere, and sea level change

Chapter 10: Linking global to regional climate change

Chapter 11: Weather and climate extreme events in a changing climate

Chapter 12: Climate change information for regional impact and for risk assessment

Link ch.12 with ch.1

Annexes incl. options for a Regional Atlas and Technical Annexes

Glossary

Index





First Lead Author Meeting WGI AR6: Guangzhou, China 25-29 July 2018







Objectives of LAM1

- Design a chapter structure, a timeline and distribute the work
- Identify topics that are cross-cutting across chapters and how to address them
- Initial view on highlights and key messages
- Discuss options for figures, case studies and boxes
- Propose topics for Frequently Asked Questions
- Suggest names of potential expert reviewers to review the internal draft

8/10/2018

Chapter 1: Framing, context, methods

Executive Summary

- 1.1 Chapter Preview
- 1.2 Global context of this assessment
- 1.2.1 Present state of Earth's climate? (Physically).
- 1.2.2 How does AR6 respond to international climate governance frameworks?
- 1.3 The AR6 assessment approach?
- 1.4 History of climate understanding?
- 1.4.1 Early theory and observations: through WWII
- 1.4.2 1979-present: mounting climate change concern, post-normal science
- 1.5 Key findings of previous IPCC assessments?

[LEAD: Philippe]: [KEY: Pandora (SR 1.5); Anne Marie, Sergio (SROCC); Sawsan (SR Land); Gian-Kasper (AR5)]

- 1.5.1 key findings of AR5 and post-AR5 Special Reports?
- 1.5.2 AR6 projections compare with those of previous assessments?
- 1.6 New Developments
- 1.6.1 Observational data and observing systems changed since AR5?
- 1.6.2 Reanalysis changed since AR5?
- 1.6.3 New developments have occurred in models, experimental design and model analysis since AR5?
- 1.6.3.1 New model developments
- 1.6.3.2 Description of CMIP6 (CA), resolutions, processes,
- 1.6.4 Baselines and reference periods does AR6 employ?
- 1.6.5 AR6 risk assessment framework (terminology, language consistency)?

 [LEAD: Sawsan] [KEY: Sergio, Aida, Sawsan, Pandora, Seita]
- 1.6.6 How does AR6 discuss uncertainties in climate understanding? cascade of uncertainties (incl. calibrated language)
- 1.6.7 AR6 focus on regional climate analysis? How are regions defined? (link to the Atlas, WG2)
- 1.6.8 Current status of detection and attribution?
- 1.7 Emissions and forcing scenarios are used in AR6? (including consistency across WGs)
- 1.7.1 Scenarios reflecting choices
- 1.7.2 Scenarios for cross-working group integration
- 1.7.3 The shared socio-economic pathways, their reference and mitigation scenarios
- 1.7.4 The SSP mitigation scenarios in the context of the Paris Agreement
- 1.7.5 Temperature levels/bands as additional tool for cross-working group integration
- 1.7.6 How do AR6 scenarios compare with those used in previous IPCC reports?
- 1.8 Major remaining gaps in climate knowledge integration? New opportunities
- 1.9 Structure / key elements of AR6

Ch. 1=9 subsections +19 subtopics My contribution :1.6.5&1.5



- Authors are encouraged to FOD of Special Report on 1.5°C and Special Report on Oceans and Cryosphere (SROCC) as expert reviewers
- Mendeley- Desktop, it is a free tool to handle references
- Access to the UNEP library: a service open to all IPCC authors to get access to PDFs from multiple papers.
- Online question system
- Document Manager

8/10/2018



Logging in to Document Manager

'Document Manager', a document version control system designed by the IPCC Secretariat. It is an archival/versioning system



File Manager – Information View



Cross-cutting issues across WGs reports:

- 1. Scenarios and pathways (incl emission data, radiative forcing) I-II-III
- 2. Risk assessment WGs I-II-III
- 3. Solar radiation management and GHG removal I-II-III
- 4. Air quality and short-lived climate pollutants I-II-III
- 5. Water and carbon in a changing climate I-II-III
- 6. Regional climate change and impacts, and options for a common atlas [-][

Cross-cutting issues across chapters

- Authors have responsibilities within chapter teams for coordinating cross-cutting topics with other chapters / reports.
- Break out group meetings was hold during the LAM1 for a first set of topics cutting across more than two chapters, to
 - 1. Identify contact points amongst authors,
 - 2. clarify the coordination mechanisms to address these topics

Member of WG1-WG2 Hazard/Risk Coordination Group

- Composition (7/2018) selected from WG,WG2
- 1. Co-Chair WG2
- 2. Vice- Chair WG1
- 3. Vice-Chair WG1
- **4. WG1 TSU**
- **5. WG2 TSU**
- 6. CLA, WG2 Ch 16(three)
- 7.LAs WG1 Ch.1, (two)
- 8. LAs WG1 Ch.12(four)

ToR:WG1-WG2 Hazard/Risk Coordination Group

Discuss and coordinate the treatment of topics related with hazards and risk in relevant ch.s of WG1 and WG2.

Discuss and coordinate the development of hazard assessment within the WG1 report consistent with the needs of WG2

Discuss and propose recommendations from the perspective of WG1 and WG2 for the overall discussion, involving all three WGs, associated with the definitions of hazard and risk

The coordination involves Bureau members of WG1 and WG2, CLAs and LAs of WG1 chapters 1 and 12 and chapter 16 of WGII. It also includes contact points of both TSUs.

The group's mode of working will be through various electronic means and face-to-face meetings during WG1 and WG2 meetings

