

Updates on the preparation of Working Group I contribution to the Sixth Assessment cycle

Mohammad Rahimi

IPCC LA (AR6, SRCCL, SREX)

Faculty of Desert Studies, Semnan University, Iran

Almaty, Kazakhstan

21-22 August 2019

bit.ly/ipcc_outreach_centralasia

ipcc

INTERGOVERNMENTAL PANEL ON climate change



Structure of the IPCC

ipcc

INTERGOVERNMENTAL PANEL ON climate change



IPCC Plenary

IPCC Bureau

IPCC Executive Committee

IPCC Secretariat
(in Geneva,
Switzerland)

Working
Group I

The Physical
Science Basis

TSU (France)
(Valerie Masson-
Delmotte, Panmao)
Zhai

Working
Group II

Climate Change
Impacts,
Adaptation and
Vulnerability

TSU (Germany)
(Debra Roberts,
Hans-Otto Pörtner)

Working
Group III

Mitigation
of
Climate Change

TSU (UK)
(PR Shukla, Jim
Skea)

Task Force
on
National
Greenhouse
Gas
Inventories
(TFI)

TSU (Japan)
(Kiyoto Tanabe,
Eduardo Calvo)

Assessment Reports

Methods

Special Reports

Authors, Contributors, Reviewers

TSU = Technical Support Unit

IPCC WGI bureau



Valérie Masson-Delmotte
France

WGI Co-chairs



Panmao Zhai
China

WGI Vice-chairs



Edvin Aldrian
Nourredine Yassaa
Indonesia



Fatima Driouech
Morocco



Greg Flato
Canada



Jan Fuglestvedt
Norway



Irfan Tariq
Pakistan



Carolina Vera
Argentina



Nourredine Yassaa
Algeria

Approved outline

Summary for Policy Makers
Technical Summary

Large-scale climate change

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

Annexes incl. a Regional Atlas and Technical Annexes

Glossary

Approved outline

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

Annexes incl. a Regional Atlas and Technical Annexes

Glossary

Climate processes

Approved outline

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 forcings
- 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

Regional climate information

Annexes incl. a Regional Atlas and Technical Annexes
Glossary

Approved outline

Summary for Policy Makers
Technical Summary

 Link to WGII

 Link to WGIII

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

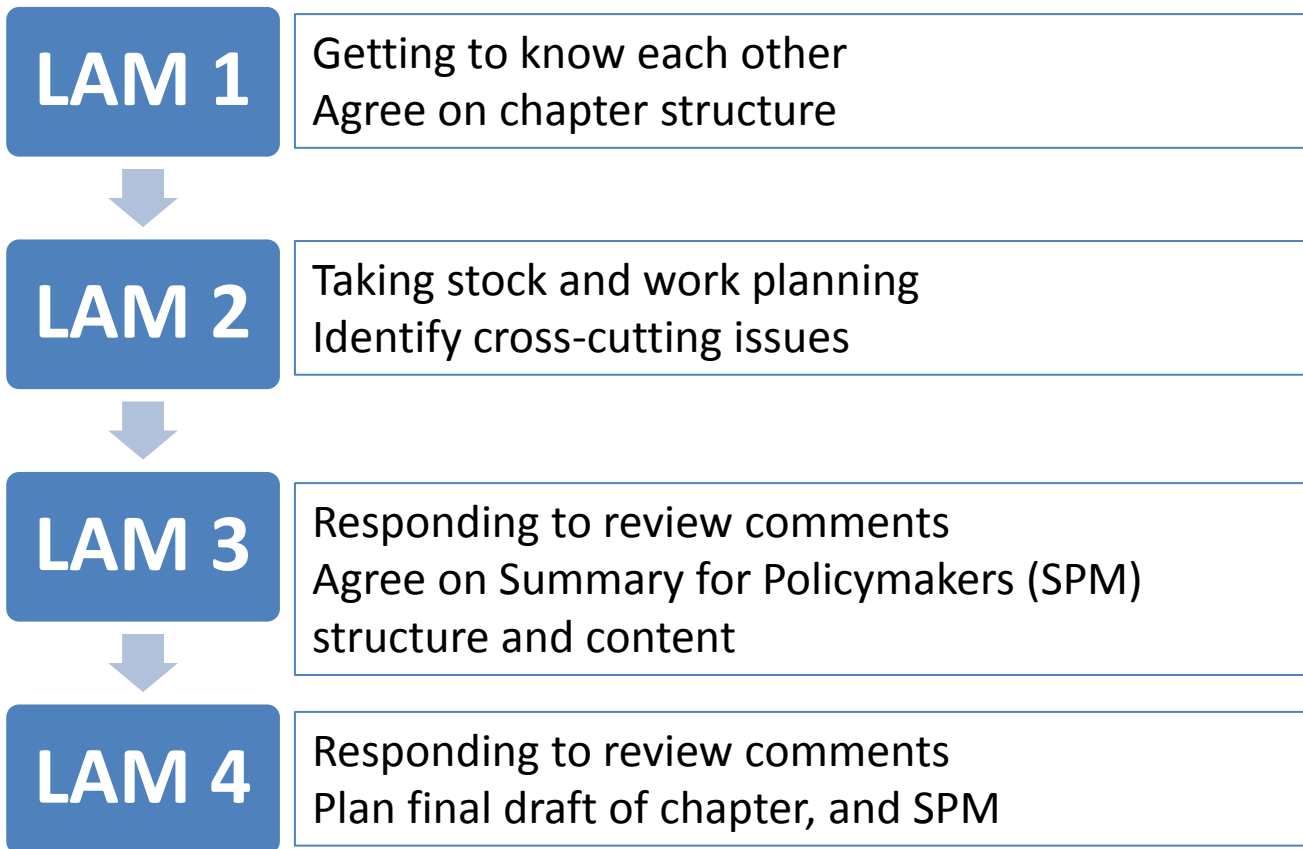
Chapter 11: Weather and climate extreme events in a changing climate

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

Annexes incl.  a Regional Atlas and Technical Annexes

Glossary

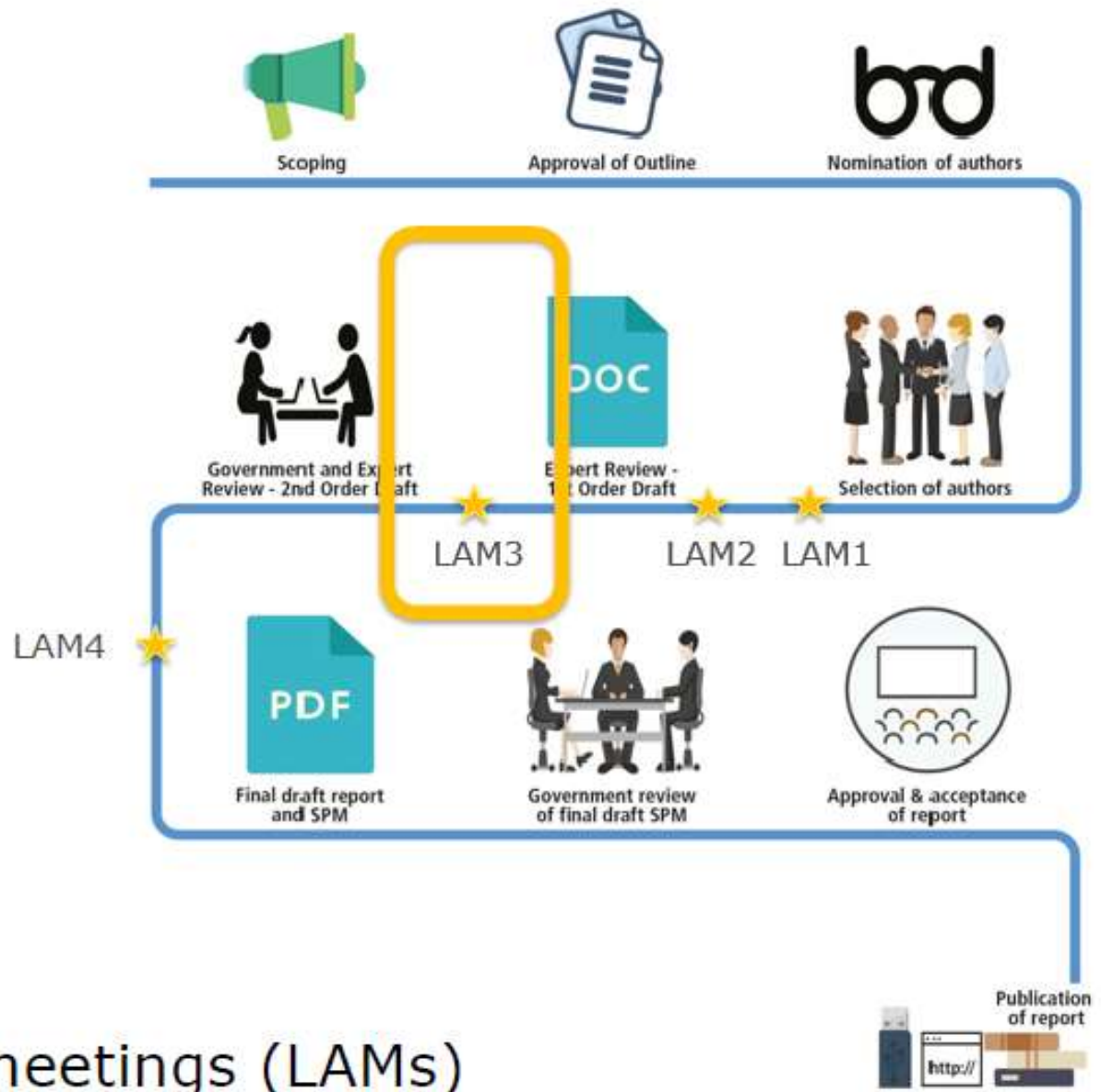
Lead Author Meetings



LAM3

From 26 to 30 August 2019, IPCC Working Group I will organize the Third Lead Author Meeting (LAM3) of the Sixth Assessment Report in Toulouse, France.

WHERE ARE WE?



THE REVIEW PROCESS

The review process is a constructive part of the report writing process. It contributes to the robustness of the assessment.

All comments not anonymous: you will see the reviewer name and affiliation of each comment

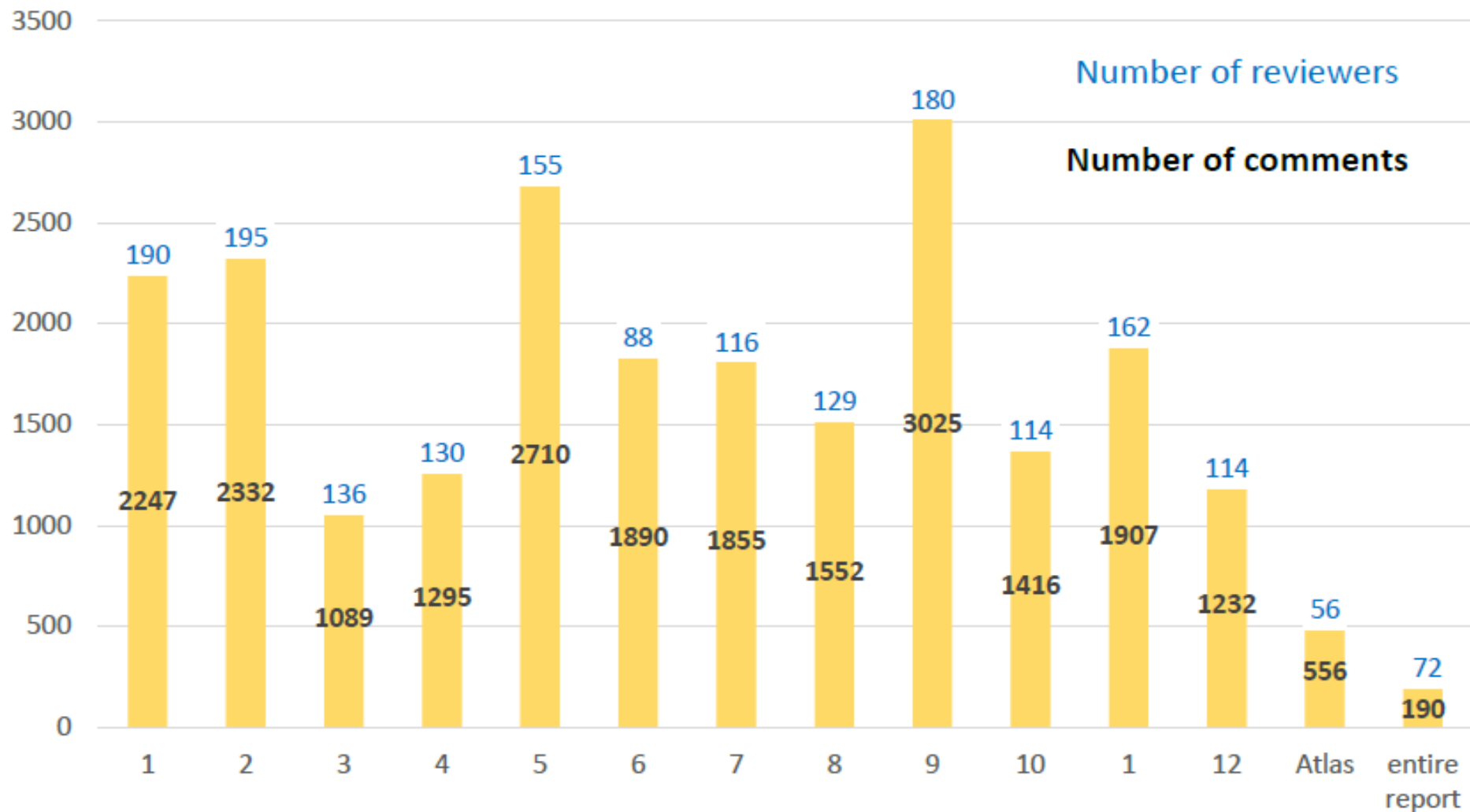
All comments must be responded to. Both comments and their responses will be made publically available after production.

Responses are given collectively as a chapter.

Review Editors will join your teams and help you with difficult comments.

- The 1st Order Draft IPCC [AR6](#) Working Group I report has been reviewed by 751 reviewers who have provided 23,609 stimulating review comments
- Lead Authors and Review Editors will meet in Toulouse by the end of August [meteofrance](#) to prepare the 2nd Order Draft(SOD).

FOD CHAPTER STATS



Over 23,000 comments for the FOD!

Review Comment Tool

RCTOOL SCREEN

REtool: Review Comments SR1.5

Helvetica Regular 16 pt

SOD Comments New Window 1 Shown 3772 Hidden 0 SOD Total 3772 Quick Search Version 1.8fc6

Mode Edit Mode: Standard # Show All Advanced search

Reviewer name	Chap. - Comnt. #	From page / line	To page / line	xls row #	Section/fig/table Page / line guesses	Current
Reviewer comment						Compare
Peter Thome, Maynooth University	1 - 5802 Whole Chapter	0 0 1 1	0 0 1	2	Whole Chapter ...	SOD FOD


Upon reading the chapter I felt like the chosen ordering was working against rather than with the reader. Recognising that the order to put things is a subjective choice I would nevertheless suggest that it would make more sense from the reader's perspective to start rather than finish with Section 1.7. It felt like a lot of things clicked when I reached there and that this information would have helped were it the first piece of information rather than the very last. Next, I would put the sections 1.5 and 1.6 in either order, or maybe amalgamated that present effectively a narrative of how you are going to perform the assessment and introduce confidence / likelihood. Then, given the import, I think the 1.5 target, the observed basis etc. (current 1.2 but possibly beefed up per other comments and 1.3). Then, finally, some allusion to the broader context and concepts (current 1.1 - 1.4) would make for a stronger more compelling text. Reordering in this manner would also potentially help reduce

Authors Eval: Action: Who: Expl:

Rev Edit Eval: Priority: normal AF 10/04/2018 14:41:40

Notes: Indicative bullets are not prescribing any chapter structure. Moving 1.7 up might actually be a good idea.

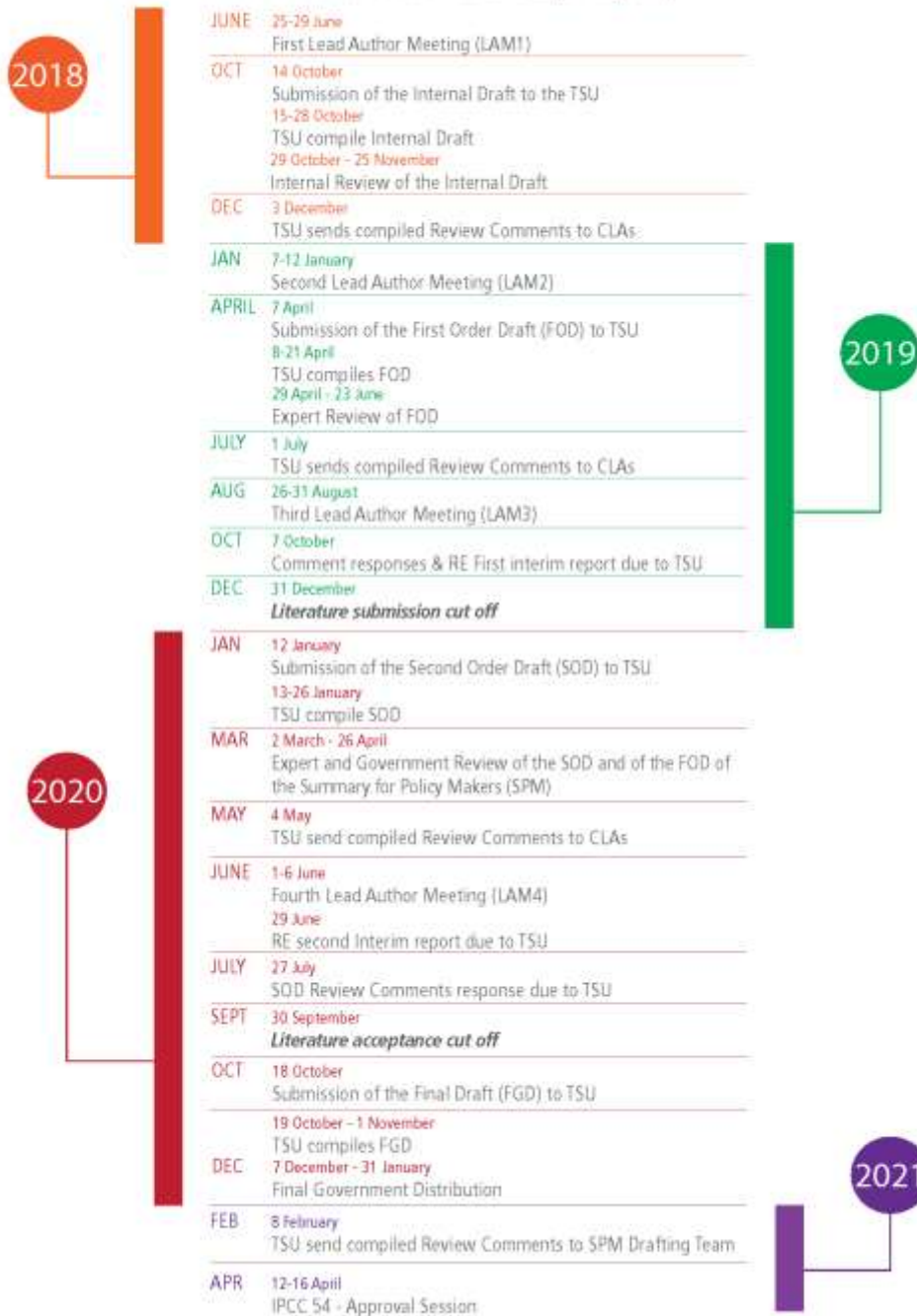
Example from the SR1.5°C SOD



AR6 Climate Change 2021: The Physical Science Basis _____

The Working Group I contribution to the Sixth Assessment Report is expected to be finalized in 2021.

IPCC AR6 WGI SCHEDULE (19 July 2018)

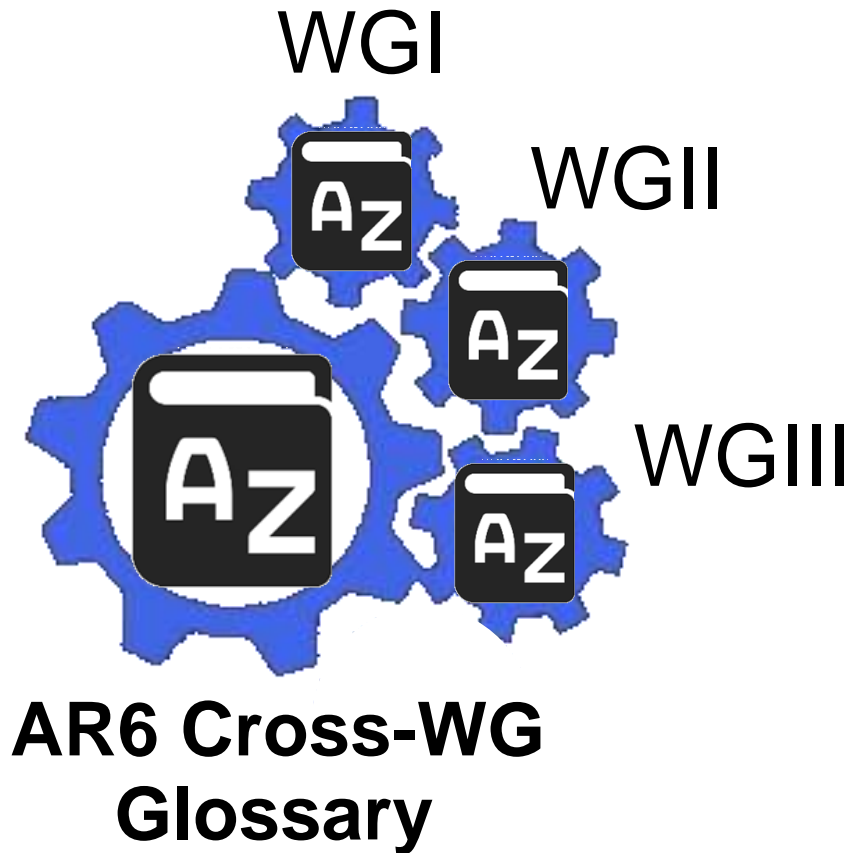




The IPCC Collaborative Online Glossary System (COGS)

Overview of COGS

Role: To assist development of single **Cross-WG glossary** for the AR6 WGI, II, III and Synthesis reports in a **open** and **collaborative** manner



Features

- *Version control of definitions*
- *Email alerts and bookmarks*
- *Discussion forums for each term*
- *Search AR5 and AR6 glossaries*
- *Compare definitions*

TIMELINE

2019	
01 July	First Order Draft Review Comments sent to CLAs and REs
26-31 August	WGI LAM3
07 October	First RE Interim Report due to WGI TSU
07 October	FOD Review Responses due to WGI TSU
2020	
12 January	SOD submitted to WGI TSU
02 March - 26 April	Expert/Government Review of the Second Order Draft
04 May	SOD Review Comments sent to CLAs and REs
01-06 June	WGI LAM4
29 June	Second RE Interim Report due to WGI TSU
27 July	SOD Review Responses to due WGI TSU
18 October	Final Government Draft submitted to WGI TSU
07 December – 31 January	Final Government Distribution of WGI
2021	
08 February	Final RE Report due to WGI TSU
12-16 April	54th Session of IPCC Plenary

A Contributing Author from Central Asia in Ch12

**Climate change information for regional
impact and for risk assessment**

THANK YOU FOR YOUR ATTENTION!

For more information:

Website: <http://ipcc.ch/>

IPCC Secretariat: ipcc-sec@wmo.int

Find us on:



<https://www.youtube.com/ipccgeneva>



<https://www.linkedin.com/company/ipcc>



<https://www.flickr.com/photos/ipccphoto/sets/>



<http://www.slideshare.net/ipcc-media/presentations>

ipcc

INTERGOVERNMENTAL PANEL ON climate change

