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## **PROGRESS REPORTS**

### **Progress report of the Special Report on Climate Change and Land**

(Prepared by the Co-Chairs of the IPCC Working Group III)

(Submitted by the Secretary of the IPCC)

## PROGRESS REPORTS

### Progress report of the Special Report on on Climate Change and Land

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## 1. Introduction

At its 43<sup>rd</sup> Session (Nairobi, Kenya, 11 – 13 April 2016), the IPCC decided to prepare a Special Report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems.

In Paragraph 3 of Decision IPCC/XLIII-6 on the Sixth Assessment Report Products - Special Reports - the Panel decided “to prepare a Special Report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems. The scoping process may consider challenges and opportunities for both adaptation and mitigation”.

At its 45<sup>th</sup> Session (Guadalajara, Mexico, 28 - 31 March 2017), the IPCC adopted a Decision, Outline and Implementation Plan of the Special Report, with the short title *Special Report on Climate Change and Land* (SRCCL), as one of the Sixth Assessment products.

The Special Report is being developed under the joint scientific leadership of the three IPCC Working Groups and the Co-Chairs of the Task Force on Inventories, supported by the WG III Technical Support Unit (TSU). A Steering Committee (SC), which includes Co-Chairs and Working Group Vice-Chairs, and is chaired by the WG III Co-Chairs, is overseeing the report development.

This Document summarizes activity on the Special Report between IPCC Plenary meeting (IPCC-46) and February, 2018. This report is organized as follows: section 2 provides a summary of main actions and developments on the SRCCL; section 3 provides a description of planned actions and future activity.

## 2. Overall Progress of the SRCCL Work since IPCC-46 (as of 7 February 2018)

This section highlights key milestones for the SRCCL development. Main actions are as follows:

- **1<sup>st</sup> Lead Author Meeting**

The 1<sup>st</sup> Lead Author Meeting (LAM1) for the SRCCL was held with the support of the Government of Norway, in Oslo, between the 16<sup>th</sup> and the 20<sup>th</sup> of October, 2017. Over 130 participants attended the meeting, hosted at the Norwegian Environment Agency offices, including Coordinating Lead Authors (CLAs), Lead Authors (LAs), Secretariat staff, IPCC Bureau members and the TSUs from all three Working Groups. The WG III TSU was responsible for the overall preparation and running of LAM1.

The meeting provided the opportunity for chapter teams to meet and begin work on the report. At this meeting each individual chapters developed a chapter outline from the indicative bullets agreed by the IPCC plenary, initial writing tasks were agreed and assigned, and discussions were initiated on cross cutting issues. The meeting was also used as an opportunity to provide training to authors on the use of IPCC uncertainty language and reference management tools.

The WG III TSU conducted a feedback survey inviting authors to give suggestions and comments relating to their experience of LAM1. Responses were collated and analysed by the WG III TSU science team. Overall respondents indicated being very satisfied with the meeting overall; 59% of the respondents ranked their overall experience at the meeting as ‘Excellent’, and 41% of respondents ranked their overall experience as ‘Good’. No respondent ranked their experience as ‘not very good’ or ‘poor’. Respondents also included suggestions for improvement. These will be taken into consideration throughout preparation and running of the 2<sup>nd</sup> Lead Author Meeting (LAM2) in March 2018.

- **Zero Order Draft compilation and informal expert review**

The Steering Committee, chaired by the WG III Co-Chairs, agreed on a list of experts to informally review the Zero Order Draft (ZOD). 67 invitations to review were issued in December 2018.

Building on the initial drafting process in LAM1, authors have developed the ZOD of the Special Report. CLAs of the seven chapters submitted chapter drafts to the TSU before the due date of the 5<sup>th</sup> of January 2018. The TSU science team compiled the chapter drafts, ensuring consistent formatting and use of language. The ZOD was made available expert reviewers for informal review on the 22<sup>nd</sup> of January 2018. The informal Expert Review progress is currently ongoing and planned to be completed by the 23<sup>rd</sup> of February 2018.

- **Chapter scientist recruitment**

In October 2017, the SC agreed to advertise for Volunteer Chapter Scientists from developing countries to provide administrative and scientific assistance to chapter teams throughout the remainder of the SRCCL cycle. The call for Volunteer Chapter Scientists was published on the 17<sup>th</sup> November 2018 and shared through both internal and external channels, including developing country Focal Points and Observer Organizations, social media platforms and the IPCC WG III website. Overall, 131 applications were received, all of which were screened for eligibility by the WGIII TSU and assigned to chapters based on expertise and interest. CLAs were presented with all eligible candidates and invited to select a Chapter Scientist for their chapter by 12<sup>th</sup> January 2018.

The WG III TSU has just completed the recruitment process. In January and early February, 2018, the WG III TSU science team conducted two induction meetings to introduce Chapter Scientists to the Special Report and clarify questions regarding their role throughout the remainder of the SRCCL cycle. It is expected that Chapter Scientists will attend LAM2 to assist chapter teams in reviewing ZOD comments and producing the First Order Draft (FOD).

- **Cross-cutting Task Group on Glossary and Scenarios**

To facilitate coherence and cross-chapter coordination, the SC, CLAs and LAs agreed at LAM1 to establish two cross-cutting task groups, on a glossary and on scenarios.

The first was created to develop the Glossary of the Special Report. Authors WG III Bureau members and the TSU science and communication teams are working jointly, under the supervision of the SC, to identify relevant key concepts and definitions. In addition, the WG III TSU is participating in the development of a cross-WG glossary to facilitate communication across authors for the AR6 cycle.

A cross-cutting task group on climate and land-related scenarios has also been established. Since LAM1, off-line discussions have been conducted to identify best strategies to facilitate the sharing of available data on land-related scenarios. In LAM2, the SC may move forward to developing a scenario database.

- **2<sup>nd</sup> Lead Author Meeting planning**

LAM2 will be held with the support of the Government of New Zealand, in Christchurch, between the 26<sup>th</sup> and the 30<sup>th</sup> March, 2018. Invitations have been issued to all CLAs, LAs and other participants. The agenda is currently being developed by the SC with the support of the WG III TSU.

Two SC meetings are scheduled in February and March to discuss final agenda details, meeting management strategy, and meeting outcomes ahead of LAM2.

- **Outreach events**

The WG III Co-Chairs, the TSU science and communication teams are actively engaged in communicating the plans and work of SRCCL. External consultations, meetings and presentations related to the SRCCL are shown in the following table:

<b>Presenter</b>	<b>Date</b>	<b>Event</b>	<b>Location</b>
Jim Skea	19-20 September, 2017	Multiple presentations on planned activities during the IPCC's Sixth Assessment Cycle including SRCCL, as part of a two-day IPCC Outreach Programme at King Abdulaziz City for Science and Technology.	Riyadh, Saudi Arabia
Raphael Slade	24-27 September, 2017	Presentation on How policy makers learned to start worrying and fell out of love with bioenergy, at the WATBIO Conference on Developing Sustainable Bioenergy Crops for Future Climates.	Oxford, UK
Marion Ferrat	12 November 2017	Presentation on planned activities during the IPCC's Sixth Assessment Cycle including SRCCL, at COP23	Bonn, Germany
Marion Ferrat	13 February 2018	Presentation on planned activities during the IPCC's Sixth Assessment Cycle including SRCCL, at the University of Sussex.	Brighton, UK
Marion Ferrat	23 March, 2018	Panel discussion at the University of Christchurch	Christchurch, N.Z.

### 3. Anticipated Timetable and Future Planned Actions

In order to achieve the approval and acceptance of the Special Report as planned by the Panel, the timetable for the Special Report is as follows:

<b>Milestone</b>	<b>Date</b>
Zero Order Draft (ZOD) Informal Expert Review	January 29 – March 4, 2018
2 <sup>nd</sup> Lead Author Meeting (LAM2)	March 26 – 30, 2018
1 <sup>st</sup> Order Draft (FOD) Expert Review	June 11 – August 5, 2018
3 <sup>rd</sup> Lead Author Meeting (LAM3)	September 3 – 7, 2018
2 <sup>nd</sup> Order Draft (SOD) Expert Review	November 19 – January 13, 2019
4 <sup>th</sup> Lead Author Meeting (LAM4)	February 11 – 15, 2019
FGD Government Review of SPM	April 29 – June 23, 2019
IPCC acceptance/adoption/approval	August 12 – 16, 2019