CORDEX Central America and South America are organizing a follow-up Online Paper-Writing Workshop on Regional Climate Modeling.

The workshop will take place on May 3 and 5 at 17 UTC.

At the first online Paper Writing Workshop in November/December a number of collaboration groups consisting of students and early career researchers were formed. The groups choose a topic with focus on specific regional climate phenomena, outlined a work plan and time-line with the aim to submit a paper with the scientific results. This follow-up workshop includes for instance update of status; project outline, data and methods and exchange of reviews between the groups.

Agenda

Day 1: 3 May 17-19.30 hs UTC	
	Session 1:
17.00- 17.05 hs	Introduction (Maria Laura Bettolli)
17.05- 19.05 hs	Presentations of four groups (15 minutes each) +15 minutes for questions
19.05- 19.30 hs	Plenary Session: • Discussion on journals to submit the articles. • Recommendations for preparing the articles. Closing Day 1
Day 2: 5 May 17-19.30 hs UTC	
	Session 2:
17.00- 19.00 hs	Presentations of four groups (15 minutes each) +15 minutes for questions
19.00- 19.15 hs	Discussion: Plenary Session
19.15 - 19.30 hs	Next Steps

Groups & Topics

Group 1 A: Extreme indices of temperature and precipitation in South America: trends and intercomparison of regional climate models.

Group 1 B: Extreme temperature and precipitation indices over CAM CORDEX domain. Variability, trends, and intercomparison of regional climate models.

Group 2: Heat waves and fire in Pantanal: historical and future perspectives from CORDEX.

Group 3: Extreme Climate impact on soy and maize productivity/yields using CORDEX CORE Regional Climate Models for SAM and CAM domain.

Group 5: Twenty-first century drought and heatwave projections in the CORDEX-CORE model ensemble over tropical South America.

Group 7: Intra-seasonal Variabilities of the LLJs under global warming conditions in the CORDEX CAM/SAM domains.

Group 9: Cyclones affecting the western South America in RegCM4 downscaling.

Group 10: Early-stages structure of extratropical cyclones over South America: RCM added value and future changes in a warmer planet.