



Workshop on
Hydrology – Strengthening the South/Central American Chapter of IAHS
27 Feb – 1 Mar 2023, in Florianopolis, Brazil

Objective

Hydrology is becoming increasingly an international science and the collaboration between countries is becoming more important every year for addressing regional environmental change and, more generally, taking advantage of novel methods to assist in both furthering science and the hydrological practice. The aim of the meeting is to bring together active hydrologists from South and Central America to discuss (a) advances in the hydrological science, (b) challenges of water resources management that require hydrological inputs, (c) and potential collaboration across countries under the umbrella of IAHS.

Format

This will be a three-day workshop held in Florianopolis, Santa Catarina, Brazil. The workshop will consist of oral and poster presentations by the participants on novel hydrological findings and water management challenges, as well as on advances considering the Unsolved Problems in Hydrology Latin America initiative (UPH-LA). Part of the workshop will be devoted to a discussion of opportunities for strengthening the cooperation between South/Central American countries and internationally.

Monday (after lunchtime) – Wednesday

UPH Latin America Challenges and New Questions

Day 1 – Oral presentations and syntheses of UPH Theme leaders (7 themes)

Day 2 – Discussion on challenges to address UPH and proposal of new/adapted questions

IAHS opportunities for strengthening cooperation between countries

Day 3 am – IAHS representatives present national activities as well as work under IAHS umbrella / discussion about the next IAHS decade

Day 3 pm – Proposal of schedule of activities for next 2 years

Attendance

It is foreseen that the National IAHS Representatives of the South and Central American countries will be invited to the workshop. In addition, UPH-LA initiative theme leaders and 2-3 active hydrologists from each country will be invited in order to broaden the network of hydrologists. The total attendance is planned to be around 20-50.

Expected outcomes

The main outcomes of the meeting are expected to be (a) a better understanding of novel hydrological findings and national water management challenges in the countries of South and Central America, (b) an outline of adapted and new questions of the UPH initiative, (c) a strengthening of the network of hydrologists under the umbrella of IAHS, and (c) a roadmap of future collaborations and IAHS activities in South/Central America.

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