

DISCUSSION GROUP: CAPACITY AND NETWORK PROJECT SUSTAINABILITY AND FUTURE DIRECTIONS

Organizing Team:

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Team members:

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Augusta, Gabriela and Maria del Carmen Bonilla Tumialan (CANP5)

INTRODUCTION

This discussion group will be attractive to congress participants interested in creating networks and communities of practice in challenging and disadvantaged education contexts. Discussion will focus on the Capacity and Network Projects (CANP) of the International Commission of Mathematical Instruction (ICMI) supported by the International Mathematical Union (IMU), UNESCO and the International Council of Scientific Unions (ICSU) as well as regional governments and institutions.

Five CANPs have been organised so far. While each CANP differs in its focus, approach and process the goal is to respond to the challenges in mathematics education that have been documented among other reports in UNESCO 2011. The aims of the Discussion Group at ICME 14 include identifying, sharing and discussing common key issues in creating a critical mass to sustain the network and its activities over long term. Through sharing cross-national regional experiences, we expect to deepen and broaden the understanding of lessons learnt in the process of establishing the CANP and taking it forward.

Discussions will be guided by the following key questions:

- a. What did the CANP do in 2020? How (if at) were your activities impacted by the pandemic? (focus on one or two innovations/activities).
- b. What is planned for the CANP in 2021? Why?
- c. What new questions arise for the mathematics education community?
- d. What are the similarities and differences in the opportunities and challenges arising in the CANPs?
- e. What is the impact of CANP on mathematics education in the region? how could the impact be sustained?

PROPOSED STRUCTURE OF THE SESSIONS

The general outline of the two sessions of the discussion group will include:

Session 1 (45 minutes)

- Brief introductions;
- Introduction to the purpose of CANP

- Brief (5-minute) presentation by each of the five CANP;
- . Closing comment/s

Session 2 (45 minutes)

- Identifying similarity and differences in opportunities and challenges in CANPs across regions and countries
- Small groups working on strategies to build on the opportunities and to address the challenges;
- Report to the whole group on the small group activity;
- Identifying ways forward.
- Closing