## Supplementary information

## Balancing Earth science careers in an unequal world

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The side event entitled "Early-Mid Career perspectives on South-North inequalities: Fair collaborative research as a way to reduce them", held during the <u>2nd Open Science Conference of the World Climate Research Programme (WCRP)</u> and organised by the <u>Young Earth System Scientists</u> (YESS) community took place in October 2023 in Kigali, Rwanda. About 22 participants from different countries, both from the GS and the GN, attended.

In the first part of the activity, **participants had to identify experiences** in which they had been involved in five main areas: i) scientific publications; ii) **participation in international organizations; iii) participation in conferences or courses; iv) access to quality jobs; v) access to resources and data.** The participants were asked to write down each of these experiences on a Post-it, **colour coded** to indicate whether the experience was from the GS, from the GN, or a mixed experience (not clearly from the North or South). The participants then put the sticky notes in the bag according to which of the topics they belonged to. Each paper was anonymous. Finally, the experiences were read out loud and discussed to collectively decide where they belonged on a seesaw (one per theme): either on the favourable (upper) or unfavourable (lower) part. In the second part of the activity, the participants worked in round tables and were asked to think about and write down actions that could be undertaken from individual to international scales to bridge the gap between the GS-GN.

The preparation of this paper was carried out once the activity was completed. First, we collected the anonymous sticky notes and digitized them. Secondly, we evaluated them eliminating

some notes due to lack of context or expression of wish. Also, we divided some notes in two when they addressed two different topics.

Find the original notes in Figures S1, S2, S3, S4 and S5.

## Supplementary figures









