

Heat Flow Summer School & Workshop

The proposed activities are directly connected to the IUGG General Assembly in Berlin in 2023. They include two parts: a five-day summer school to train students and early-career scientists on marine and continental heat flow environments and a two-day workshop on the assessment and quality of heat-flow data. The activities address, in particular to, young scientists from Africa and Central-South America, as well as researchers active in the South Atlantic Ocean as bounding element. The reason for such target regions is twofold: (i) the coverage and quality of heat flow data are poor, and (ii) only a few active heat-flow researchers.

The main objectives are:

1. Establishing a summer school on terrestrial heat flow; the first edition will be held in summer 2023 (for the 60th anniversary of the IHFC). Subsequently, it could be held annually.
2. Training master students and/or early career scientists in heat flow determination and evaluation
3. Setting up strategies to
 - a. involve more researchers from the focus region in the global, collaborative heat-flow network (community building);
 - b. lay the groundwork for developing projects of new heat-flow measurements to fill data gaps in the focus regions;
 - c. speed up the collaborative reassessment of available heat-flow data in the focus region.