

Toward an Antarctic Radiation Regional Network
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In Antarctica, the assessment on a continental scale of radiation budget and related parameters is challenging due to the limited number of observation stations, and even more so when funding methods and the complexity of coordinating different research groups and activities are considered. All this has hindered concrete actions toward the creation of a regional network and its absence has inhibited the dissemination of the methods developed and implemented by the Baseline Surface Radiation Network (BSRN). The resulting lack of harmonisation/heterogeneity of measurements gives rise to an intrinsic weakness that can be overcome by establishing a network within the community. To this end we have started to plan an initiative aimed at building a regional network for radiation in Antarctica that would like to connect and collect measurements about: radiation budget and its components, UV radiation (and columnar ozone from ground measurements), albedo/surface reflectance, and also clouds/cloud cover. We will broadly illustrate the reasons for such an initiative to collect feedback from the reference community. We will also illustrate its goals and objectives, as well as the actions we are taking to bring together and mobilize the community, understand what is available and where the gaps are, better connect with BSRN and promote its best practices.