

**Supplementary material for:** Zdanowicz C., Gallet J.-C., Salvatori R., Malnes E., Isaksen K., Hübner C., Jones E. & Lihavainen H. An agenda for the future of Arctic snow research: the view from Svalbard. *Polar Research* 42. Correspondence: Christiane Hübner, SIOS Knowledge Centre, PO Box 156, NO-9171 Longyearbyen, Norway. E-mail [information@sios-svalbard.org](mailto:information@sios-svalbard.org)

## Bibliometric analysis

The bibliometric analysis presented in Fig. 2 was conducted using the SCOPUS database and covers the period 1990-2019. An earlier literature review (Winther et al. 2003) covered publications since 1975, and our own analysis includes some, but not all, of these. The search keywords were “Svalbard” and “snow”, and we limited our search to publications (articles, reviews) in peer-reviewed periodicals in the categories Earth and Planetary Sciences, Environmental Sciences, Biological Sciences, Physics and Astronomy, Life Sciences and Engineering. Only publications focusing on Svalbard or on the sector of the European Arctic that includes Svalbard were considered, while those with a much broader (e.g., pan-Arctic) geographic scope were excluded. Each of the 377 publications was assigned to one, and only one, of the research themes identified in Fig. 2, depending on the focus of the study. Such assignments necessarily involved a subjective judgement.