

Requirements for Sea Surface Temperature data sets for Climate Research and Services

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SST information is needed by almost all applications in climate research and by many climate service activities. The needs of these diverse fields are varied and can seem confusing without undertaking a systematic user requirements gathering exercise. The ESA Climate Change Initiative SST project has recently reviewed requirements for climate SST data sets from a wide range of applications in climate science and services; this updates its assessment undertaken over five years ago. Responses were received from scientists in 20 countries in North and South America, Europe, Asia, Africa and Australasia. A selected, preliminary analysis of responses is presented here; the final analysis will be presented in the updated User Requirements Document (see <http://www.esa-sst-cci.org/> over the coming months).

