
MIS013-03

Room: Exhibition hall 7 subroom 3

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Response of climate system to the cosmic ray variations

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We review the variability of the flux of galactic cosmic rays at the earth at the decadal to centennial time scales, and discuss its possible influence on climate change. By compiling the climate proxy records over the Northern Hemisphere during the Maunder Minimum, we discuss the response of climate system to the changes of cosmic rays.

Keywords: solar activity, cosmic rays, climate change, cosmoclimatology