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Ice core: Hans Oerter, AWI Bremerhaven, Germany (submitted by Gerrit Lohmann)

Model: Gerrit Lohmann, AWI Bremerhaven, Germany

Pollen: Wikipedia [http://en.wikipedia.org/wiki/File:Misc\\_pollen\\_colorized.jpg](http://en.wikipedia.org/wiki/File:Misc_pollen_colorized.jpg)

(submitted by Marie-France Loutre)

Coral uplift after earthquake: Michael Gagan, ANU, Canberra, Australia

(submitted by Nerilie Abram)

Close up of a section of ice core from Berkner Island, Antarctica, depth 120 m.

Bubbles of trapped air (an archive of the past atmosphere) are visible in the ice:

© C. Gilbert (British Antarctic Survey)

# Climate of the Past






An interactive open-access journal of the European Geosciences Union



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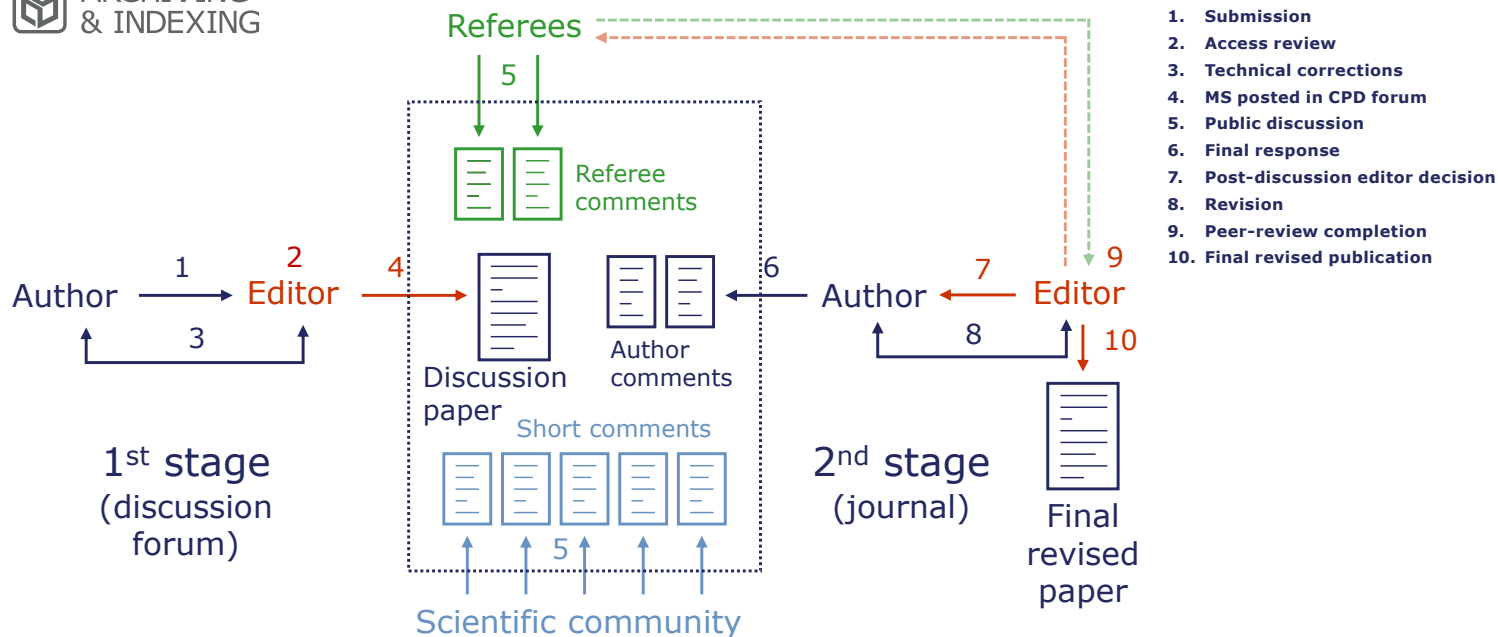


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### Aims and scope

Climate of the Past (CP) is an international scientific journal dedicated to the publication and discussion of research articles, short communications, and review papers on the climate history of the Earth. CP covers all temporal scales of climate change and variability, from geological time through to multidecadal studies of the last century. Studies focusing mainly on present and future climate are not within scope.

The main subject areas are the following:

- reconstructions of past climate based on instrumental and historical data as well as proxy data from marine and terrestrial (including ice) archives;

- development and validation of new proxies, improvements of the precision and accuracy of proxy data;
- theoretical and empirical studies of processes in and feedback mechanisms between all climate system components in relation to past climate change on all space scales and timescales;
- simulation of past climate and model-based interpretation of palaeoclimate data for a better understanding of present and future climate variability and climate change.