

3. Recent (mainly 200 years) and current climate change

3.a Atmosphere

i. Atmospheric physics (Anna Rutgersson)

1. Changes in large scale atmospheric circulation (Martin Stendel)
2. Changes in climatic parameters (Jaak Jaagus)
 - 2.1. Surface air temperature
 - 2.2. Precipitation
 - 2.3. Cloudiness and solar radiation
 - 2.4. Sea-level pressure and near-surface winds
3. Changes in extreme events (Lars Bärring)
 - 3.1. Temperature extremes
 - 3.2. Droughts
 - 3.3. Flooding
 - 3.4. Storminess

Authors:

Anna Rutgersson, Department of Earth Sciences, Uppsala University, Sweden

Anna.rutgersson@met.uu.se

Jaak Jaagus, Institute of Geography, University of Tartu, Estonia

jaak.jaagus@ut.ee

Lars Bärring, Rossby Centre, Swedish Meteorological and Hydrological Institute, Norrköping, Sweden and Department of Physical Geography and Ecosystems Analysis, Lund University, Sweden

Lars.Barring@smhi.se

Martin Stendel, Danish Meteorological Institute, Copenhagen, Denmark

mas@dmi.dk