

1815
**Jean-Pierre
Perraudin**
*Suggests glaciers
had deposited large
boulders in valleys
now free from ice*

1837
Louis Agassiz
*Proposes that an "ice
age" occurred in the
past, when glaciers
were more extensive
than at present*



1896
Svante Arrhenius
*Determines that
higher CO₂ could
lead to higher global
temperatures*

1920s
Milutin Milankovitch
*Calculates changes in
insolation caused by
minute changes in the
shape of Earth's orbit*

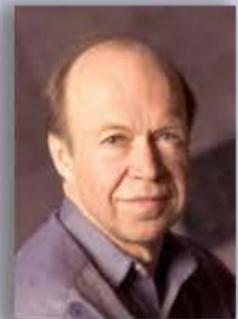
1929
Wilmot H. Bradley
*Finds correlations
between sunspots
and varves (thin clay
layers deposited in
lakes)*



1956
Time magazine
*"One Big
Greenhouse"*

1975
Wallace S. Broecker
*"Climate Change: Are
We on the Brink of a
Pronounced Global
Warming?"*

1990
**Intergovernmental
Panel on Climate
Change**
*First Assessment
Report*



2013
James E. Hansen
*Says burning all
fossil fuels "would
make most of the
planet
uninhabitable by
humans"*

2016
Paris Agreement
*Hold warming to less
than 2°C above pre-
industrial levels;
signed by >190
nations*

1900

2000



1824
**Jean-Baptiste
Joseph Fourier**
*Compares
atmosphere to a
greenhouse;
introduces idea of
anthropogenic
climate change*



1861
John Tyndall
*Measures how water
vapor, CO₂, ozone,
and methane
absorb heat energy*

1897-1899
**Thomas C.
Chamberlain**
*Links glacial
periods to
atmospheric
composition*



1936
Andrew E. Douglass
*Finds correlations
between tree rings
and sunspots*

1953
Harlow Shapley
*Climate Change:
Evidence, Causes,
and Effects*

1966
**US National Academy
of Sciences**
*Weather and Climate
Modification:
Problems and
Perspectives*

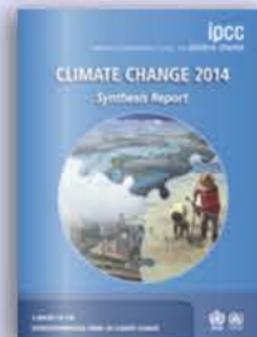


World
Meteorological
Organization
Weather - Climate - Water

1979
**First World
Climate
Conference**

1997
Kyoto Protocol
Developed

2005
Kyoto Protocol
Goes into effect



2014
IPCC
*Human
influence
on the
climate is
clear.*

2015
Mauna Loa Observatory
*Annual mean atmospheric
concentration of carbon
dioxide reaches 400 ppm
for the first time*