Climate change  
   
Climate change  
Present-day climate change includes both global warming—the ongoing increase in global average  
temperature—and its wider effects on Earth's climate system. Climate change in a broader sense also  
includes previous long-term changes to Earth's climate. The current rise in global temperatures is  
driven by human activities, especially fossil fuel burning since the Industrial Revolution. Fossil fuel use,  
deforestation, and some agricultural and industrial practices rel