Climate change  
   
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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

## Wikipedia Excerpt: Image processing

Digital image processing is the use of a digital computer to process digital images through an algorithm. As a subcategory or field of digital signal processing, digital image processing has many advantages over analog image processing. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and distortion during processing. Since images are defined over two dimensions (perhaps more), digital image processing may be modeled in the form of multidimensional systems. The generation and development of digital image processing are mainly affected by three factors: first, the development of computers; second, the development of mathematics (especially the creation and improvement of discrete mathematics theory); and third, the demand for a wide range of applications in environment, agriculture, military, industry and medical science has increased.