Earth  
   
Earth  
Earth is the third planet from the Sun and the only astronomical object known to harbor life. This is  
enabled by Earth being an ocean world, the only one in the Solar System sustaining liquid surface  
water. Almost all of Earth's water is contained in its global ocean, covering 70.8% of Earth's crust. The  
remaining 29.2% of Earth's crust is land, most of which is located in the form of continental landmasses  
within Earth's land hemisphere. Most of Earth's land is at least somewhat h

## 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.