

## Credits

**The Earth at Night, Where We Live (page x & xi)** This image of Earth's city lights was created with data from the Defense Meteorological Satellite Program (DMSP) Operational Linescan System (OLS). Originally designed to view clouds by moonlight, the OLS is also used to map the locations of permanent lights on the Earth's surface. Data courtesy Marc Imhoff of NASA GSFC and Christopher Elvidge of NOAA NGDC. Image by Craig Mayhew and Robert Simmon, NASA GSFC. <http://visibleearth.nasa.gov>

**The Earth During the Day, the Environment We Live In (page xii & xiii):** NASA Goddard Space Flight Center Image by Reto Stöckli (land surface, shallow water, and clouds). Enhancements by Robert Simmon (ocean color, compositing, 3D globes, animation). Data and technical support: MODIS Land Group; MODIS Science Data Support Team; MODIS Atmosphere Group; MODIS Ocean Group Additional data: USGS EROS Data Center (topography); USGS Terrestrial Remote Sensing Flagstaff Field Center (Antarctica). <http://visibleearth.nasa.gov>

**Our Forests (page xiv & xv):** Map produced for the United Nations Food and Agriculture Organization, Forest Resources Assessment 2000 Program, by the USGS EROS Data Center, lead scientist Zhiliang Zhu. Enhancements and cartography by John Hutchinson. Data and technical support: USGS Land Cover Characterization and Digital Data Production Teams. Additional data: USGS EROS Data Center (topography).

*Global Forest Resources Assessment*  
<http://edcdaac.usgs.gov/glcc/fao/>

*GTOPO30*  
<http://edcdaac.usgs.gov/gtopo30/gtopo30.html>

**Antarctica Chapter Image:** Antarctica, USGS—<http://terra.web.wr.usgs.gov>

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## Contributors

Huang River Delta–Antoinette Wannebo; IJsselmeer–Robb Campbell; Lake Chad–Alfa Isaiku; Lake Hamun–Hassan Partow; Lake Victoria–Jesper Kofoed; Madagascar–James Rowland; Mesopotamian Wetlands–Hassan Partow; Mexico City–José de Jesús Campos Enríquez, CentroGeo; Midrand–Jesper Kofoed; Mount St. Helens–Robb Campbell; New Delhi–Leena Srivastava; New Valley Project–Hassan Partow; Oil Well Fires–Robb Campbell; Shenzhen–Wang Wenjie; Sundarbans–Chandra Giri; Three Gorges Dam–Wang Wenjie; Wyperfeld National Park–Robb Campbell.

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## Acronyms and Abbreviations

ETM/LANDSAT	Enhanced Thematic Mapper ( ETM+). Equipped with high resolution instruments, Landsat- 7 was successfully launched on April 15, 1999. This satellite carries the Enhanced Thermal Mapper Plus (ETM+), which is an eight-band, multispectral scanning radiometer. The ETM+ is capable of resolving distances of meters in the panchromatic band; 30 meters in the visible, near and short-wave infrared band; and 60 meters in the thermal infrared band.
LANDSAT	On July 23, 1972, NASA launched the first in a series of satellites designed to provide repetitive global coverage of the Earth's land masses. It was designated initially as the 'Earth Resources Technology Satellite-A'. The second in this series of Earth resources satellites (designated 'ERTS-B') was launched January 22, 1975. It was renamed 'Landsat 2' by NASA, which also renamed 'ERTS-1' as 'Landsat 1'. Four additional Landsats were launched in 1978, 1982, and 1999 (Landsat 3, 4, 5 and 7)
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
GRID	Global Resource Information Database
KM	Kilometer
MSS	Multispectral Scanner
MODIS	Moderate Resolution Imaging Spectroradiometer
NASA	National Aeronautics and Space Administration
NOAA	National Oceanic and Atmospheric Administration
TM	Thematic Mapper
UNEP	United Nations Environment Programme
USGS	United States Geological Survey