

LOOKING DOWN ON OUR PLANET:

NEW SATELLITE IMAGERY REVEALS A CHANGING GLOBAL SURFACE

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Free Public Lecture • **July 29, 2010, 7 p.m.** • USGS Conference Room A, Bldg. 3 • 345 Middlefield Road, Menlo Park



- **NEARLY 40 YEARS OF USGS SATELLITE IMAGERY SHOWS DRAMATIC CHANGES EARTH'S SURFACE FEATURES**
- **CHANGING PATTERNS OF LAND USE ARE SEEN IN URBAN GROWTH, CLEAR-CUTTING OF AMAZON FORESTS, AND SURFACE MINING**
- **LANDSAT IMAGERY MONITORS POTENTIAL NATURAL DISASTERS SUCH AS HURRICANES, WILDFIRES, AND FLOODING AND RECORDS THE ENVIRONMENTAL IMPACT OF HUMAN DISASTERS SUCH AS THE CHERNOBYL INCIDENT AND DEEPWATER HORIZON OIL SPILL**
- **FUTURE SATELLITE PROGRAMS WILL PROVIDE SCIENTISTS, PLANNERS, AND MANAGERS WITH VALUABLE INFORMATION ABOUT OUR ENVIRONMENT**