

## Landsat Brings Understanding to Industrialization's Impact

*"A vision  
to observe  
Earth for  
the benefit  
of all..."*

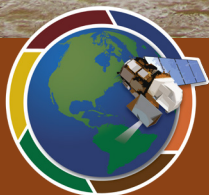
Interior Secretary  
Stewart Udall, 1966

From 438 miles above Earth, Landsat satellite sensors help to identify a central reality of industrial growth across the world—the changing use of land to increase its economic output.

Landsat's continuous monitoring of the planet since 1972 provides a valuable baseline for tracking how industrialization has altered land use. It also enables a global effort to change how the land and natural resources are used.

### **Landsat data show:**

- How countries are reducing carbon emissions by assessing the amount of forest cover they have, how much is being degraded, and how much is being replanted.
- How natural landscapes are being laid open for tar sands oil, coal, or other energy-source extractions—a useful tool when it comes to pinpointing the source of tailings staining streams, or other environmental impacts.
- How, in a beneficial way, southern U.S. forest farmers are turning marginal farmland into value-added Loblolly Pine plantations for the paper and wood pulp industries.



*A vision to observe Earth...*  
50<sup>th</sup> Anniversary Celebration

**September 21, 2016**  
Washington, D.C.

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<http://eros.usgs.gov/Udall50thAnniversary>