



TIF Download

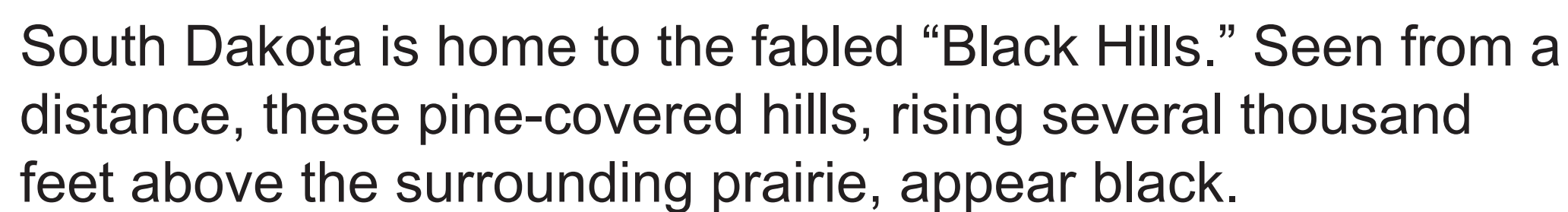


Image Source Landsat 8
Number of Scenes 35

NEXT ►

Text

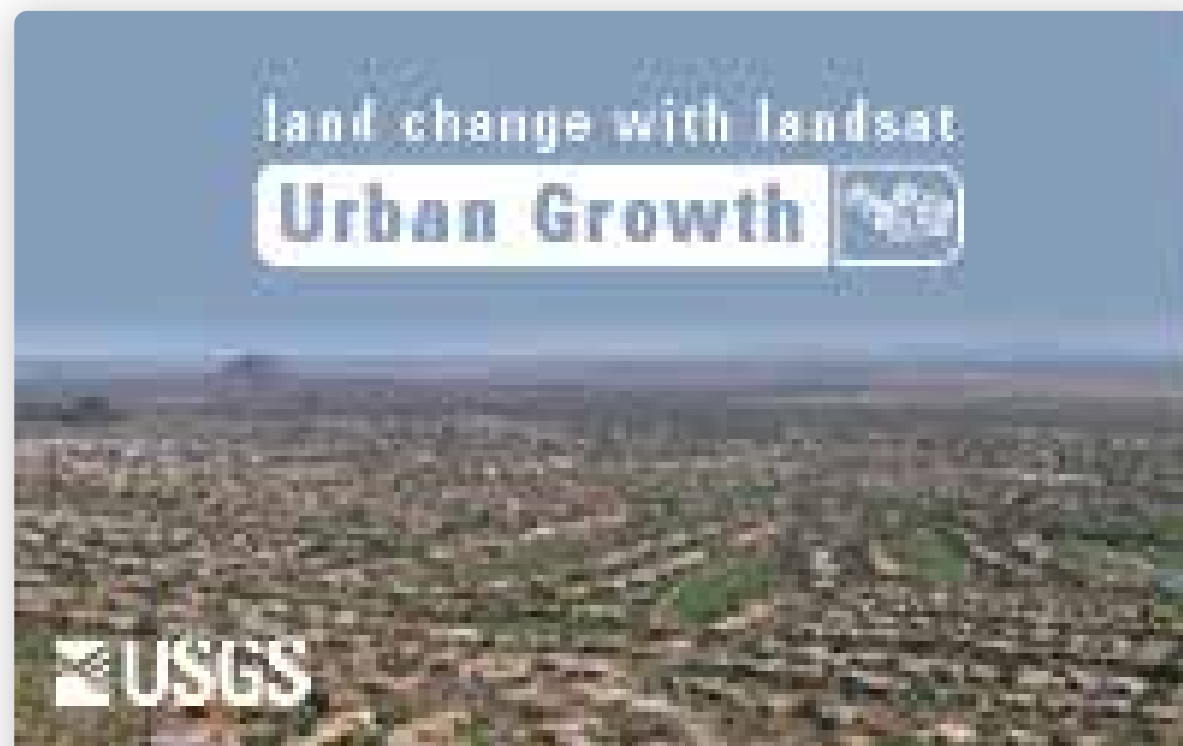
We've created fun and engaging educational lessons that allow students to look at satellite imagery and perform the same analysis as our remote sensing scientists at the EROS Center. "Students of all ages" can learn how remote sensing scientists use Landsat satellite data to track changes to the Earth's surface over the years. We've also added a few games and puzzles so you can test your skills too.



land change with landsat

Introduction

These activities will introduce you to Landsat images and how the Landsat satellites work.



From 438 miles above the Earth, Landsat satellites capture all sorts of changes on the Earth's surface.

The logo for "Earth Shots" is displayed. The word "earth" is in a lowercase, white, sans-serif font. The word "SHOTS" is in a bold, uppercase, white, sans-serif font. The letter "O" in "SHOTS" is replaced by a small, realistic image of the Earth showing blue oceans and green continents. Below the text, the USGS logo is visible, consisting of a stylized mountain and water symbol followed by the letters "USGS" in a bold, sans-serif font. The background of the slide is a dark, textured image of a coastline at night, with lights reflecting on the water and a dark sky.

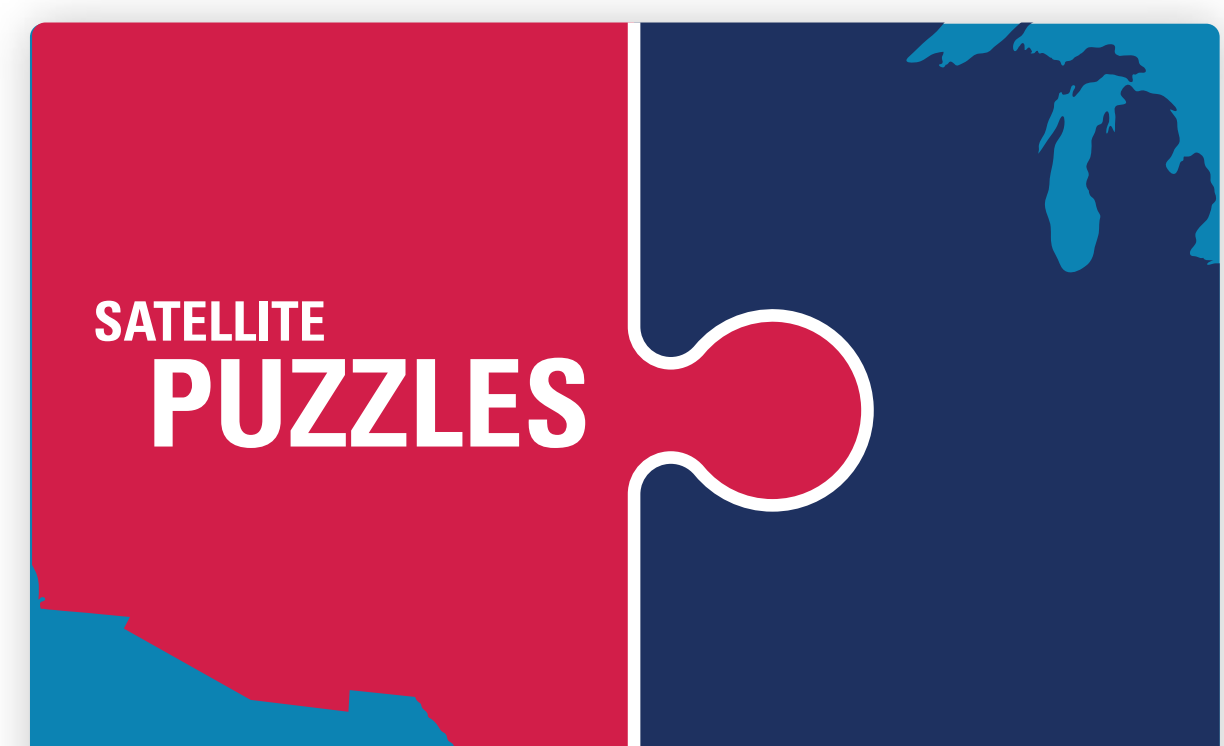
This collection shows satellite images of environmental change.

Spot the Change Quiz

Tracking changes to the Earth's surface. Test your ability to see what a scientists sees!



This memory game has a challenging twist. The pairs of images are not identical. Instead, they are before and after images of a location that has experienced a type of land change.



First put together your state, and then try another. Notice the types of land features captured by satellites as you fit the pieces together.