



# Education and Public Engagement

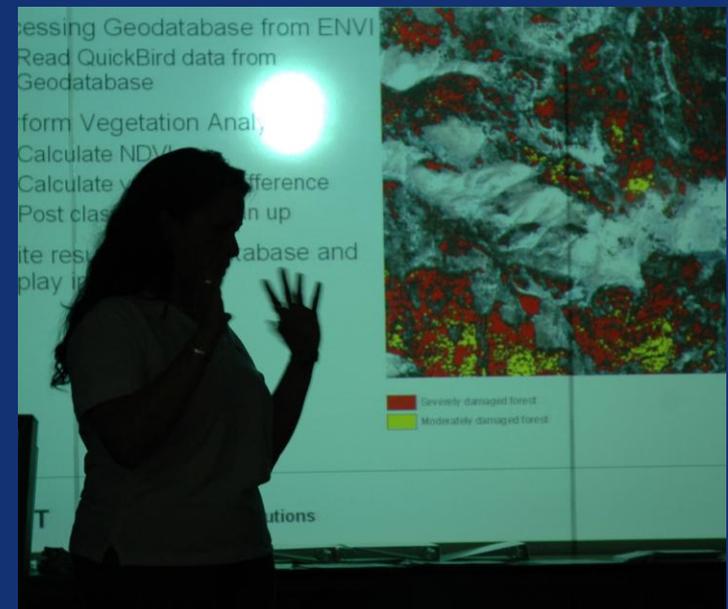
Anita Davis

Mike Taylor

Laura Rocchio

Jeannie Allen

Partnering with GSFC Public Affairs:  
Matt Radcliff



# Projects

Web site

Social media

Imagery for multiple purposes

Print publications

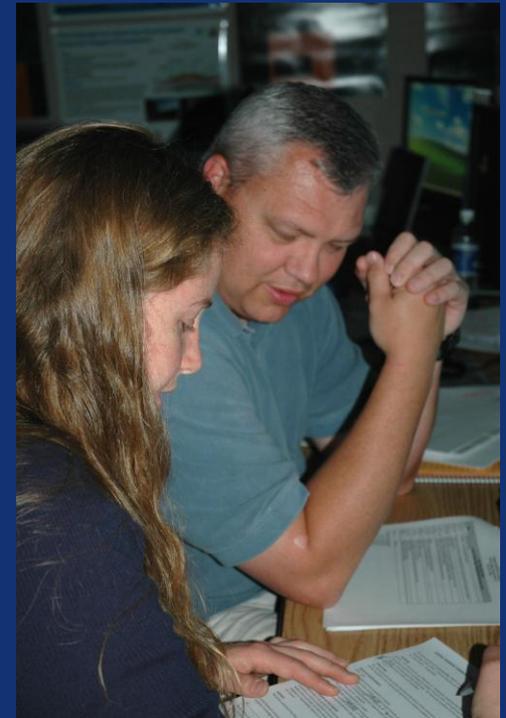
Earth to Sky - informal education

IGETT - formal education

HiGETT - High school age people - both formal  
& informal education

Conferences and public events

Legacy of Landsat



# NASA Landsat Website

NASA NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

+ NASA Portal  
+ Goddard Homepage

Search NASA:  
Keywords

THE LANDSAT PROGRAM

+ ABOUT LANDSAT + NEWS & FEATURES + IMAGES + DATA + EDUCATION + REFERENCES

**SO what?**

**The Landsat Program**

The Landsat Program is a series of Earth-observing satellite missions jointly managed by NASA and the U.S. Geological Survey. Since 1972, Landsat satellites have collected information about Earth from space. This science, known as remote sensing, has matured with the Landsat Program.

**Amman, Jordan**

**Important News**

**Landsat, Google, & REDD**  
Dec. 2 • Google debuts its Landsat-heavy Earth Engine  
[+ more](#)

**Landsat in Budget Request**  
[+ more](#)

**did you know?**

Landsat satellites have taken specialized digital photographs of Earth's continents and surrounding coastal regions for over three decades, enabling people to study many aspects of our planet and to evaluate the dynamic changes caused by both natural processes and human practices.

[:: learn more ::](#) [search site ::](#)

**landsat data**

**featured bio**

USA.gov Government Made Easy

+ Privacy Policy and Important Notices

NASA

NASA Official: James R. Irons  
Website Curator: Laura Rocchio  
Site last updated: February 28, 2011

## ABOUT:

- 4 to 10 new news stories each month
- 2 new images each month (M. Taylor)
- News and images also posted to Twitter and Facebook
- Other updates made as needed
- Close coordination with USGS Landsat news updates

## UPCOMING CHANGES:

- Site redesign to current NASA-look pending
- Site name will change to “Landsat Science”

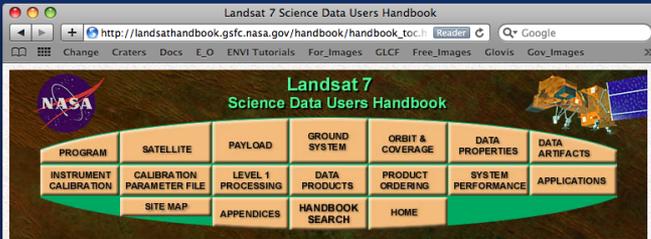
## GENERAL:

- Any science/news updates from Science Team welcome
- Recent publication information from Science Team also appreciated

Laura E. P. Rocchio;  
laura.rocchio@nasa.gov

<http://landsat.gsfc.nasa.gov>

# Web Work: Revamps, updates and maintenance

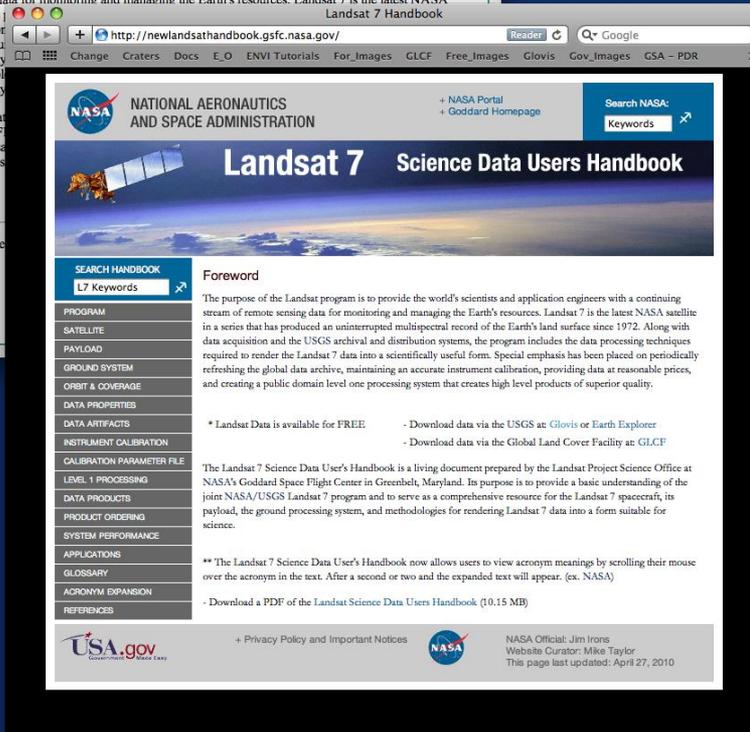


## Foreword

The purpose of the Landsat program is to provide the world's scientists and application engineers with a continuing stream of remote sensing data for monitoring and managing the Earth's resources. Landsat 7 is the latest NASA satellite in a series that has

Along with data acquisition processing techniques required to be placed on periodically providing data at reasonable products of superior quality

The Landsat-7 Science Data User's Handbook is a living document prepared by the Landsat Project Science Office at NASA's Goddard Space Flight Center in Greenbelt, Maryland. Its purpose is to provide a basic understanding of the joint NASA/USGS Landsat 7 program and to serve as a comprehensive resource for the Landsat 7 spacecraft, its payload, the ground processing system, and methodologies for rendering Landsat 7 data into a form suitable for science.



## Foreword

The purpose of the Landsat program is to provide the world's scientists and application engineers with a continuing stream of remote sensing data for monitoring and managing the Earth's resources. Landsat 7 is the latest NASA satellite in a series that has produced an uninterrupted multispectral record of the Earth's land surface since 1972. Along with data acquisition and the USGS archival and distribution systems, the program includes the data processing techniques required to render the Landsat 7 data into a scientifically useful form. Special emphasis has been placed on periodically refreshing the global data archive, maintaining an accurate instrument calibration, providing data at reasonable prices, and creating a public domain level one processing system that creates high level products of superior quality.

- Landsat Data is available for FREE
  - Download data via the USGS at: [Glovis](#) or [Earth Explorer](#)
  - Download data via the Global Land Cover Facility at: [GLCF](#)

The Landsat 7 Science Data User's Handbook is a living document prepared by the Landsat Project Science Office at NASA's Goddard Space Flight Center in Greenbelt, Maryland. Its purpose is to provide a basic understanding of the joint NASA/USGS Landsat 7 program and to serve as a comprehensive resource for the Landsat 7 spacecraft, its payload, the ground processing system, and methodologies for rendering Landsat 7 data into a form suitable for science.

\*\* The Landsat 7 Science Data User's Handbook now allows users to view acronym meanings by scrolling their mouse over the acronym in the text. After a second or two and the expanded text will appear. (ex. NASA)

- Download a PDF of the Landsat Science Data Users Handbook (0.15 MB)



+ Privacy Policy and Important Notices



NASA Official: Jim Irons  
Website Curator: Mike Taylor  
This page last updated: April 27, 2010



## LEDAPS

### Landsat Ecosystem Disturbance Adaptive Processing System

LEDAPS is a NASA-funded project to map North American forest disturbance since 1975 from the Landsat and ASTER satellite data. LEDAPS also produces maps of surface reflectance derived from Landsat imagery to support a variety of ecosystem studies. LEDAPS is part of NASA's contribution to the upcoming North American Carbon Program (NACP), a component of the [USGCRP Carbon Cycle Science Program](#)

### Project Overview and Science Background

### Documents and Products

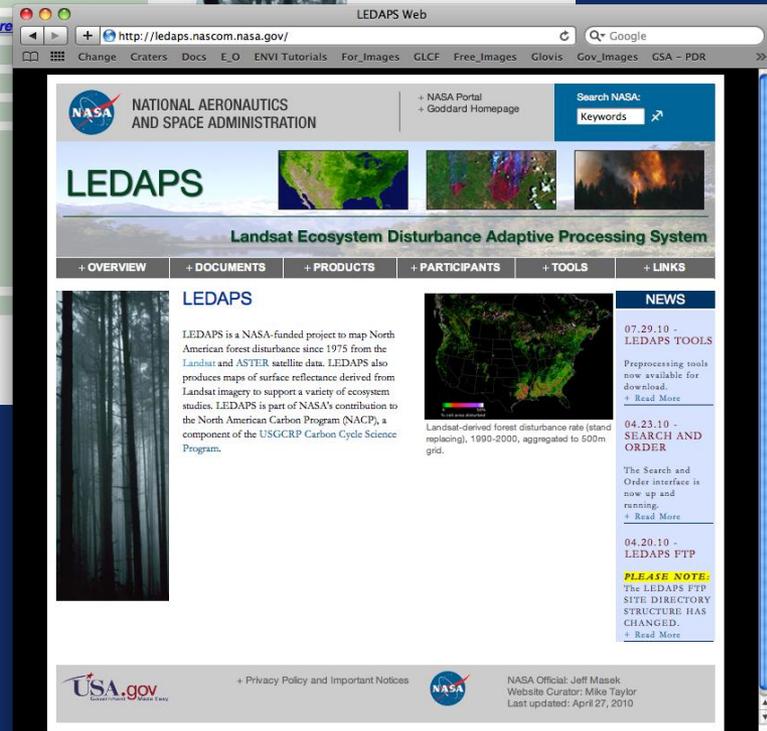
### Data Products

### Participants

### Tools

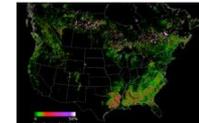
### Feedback

### Links



## LEDAPS

LEDAPS is a NASA-funded project to map North American forest disturbance since 1975 from the Landsat and ASTER satellite data. LEDAPS also produces maps of surface reflectance derived from Landsat imagery to support a variety of ecosystem studies. LEDAPS is part of NASA's contribution to the North American Carbon Program (NACP), a component of the USGCRP Carbon Cycle Science Program.



Landsat-derived forest disturbance rate (stand replacing), 1990-2000, aggregated to 500m grid.

## NEWS

### 07.29.10 - LEDAPS TOOLS

Preprocessing tools now available for download.  
[+ Read More](#)

### 04.23.10 - SEARCH AND ORDER

The Search and Order interface is now up and running.  
[+ Read More](#)

### 04.20.10 - LEDAPS FTP

**PLEASE NOTE:** The LEDAPS FTP SITE DIRECTORY STRUCTURE HAS CHANGED.  
[+ Read More](#)



+ Privacy Policy and Important Notices



NASA Official: Jeff Masek  
Website Curator: Mike Taylor  
Last updated: April 27, 2010

Mike Taylor

# Social Media Facebook

facebook Search Home Profile Find Friends Account

This Page has not been published. To make this Page public, [publish this Page](#).

## Landsat

Get Started Wall Info Photos Video Notes >> +

Share: Status Photo Link Video

Landsat + Others Just Landsat Just Others Spam Settings

 Edit Page

The Landsat program offers the longest continuous global record of the Earth's surface. Ever.

### Insights

See All

- 0 Monthly Active Users
- 0 Daily New Likes
- 0 Daily Post Views
- 0 Daily Post Feedback

Insights are visible to page admins only.

### 5 People Like This

See All

Jeannie Allen Aris Setiawan Michael Taylor

### Photos

2 of 7 albums See All

-  Landsat Feature Acquisitions 52 minutes ago
-  Earth Events Created about a month ago

Fan photos are not enabled. Edit Settings.

### Video

-  **Landsat Possible Crater Found in Libya!**  
<http://landsat.gsfc.nasa.gov/images/archive/f0034.html>  
 **The Landsat Program - Images**  
landsat.gsfc.nasa.gov  
Landsat satellites provide repetitive coverage of continental Earth surfaces in the visible, near-infrared, short-wave, and thermal infrared regions of the electromagnetic spectrum.  
Post Insights not yet available, please check back later.  
about an hour ago · Like · Comment · Share · Promote
-  **Landsat Island of the Seven Mountains**  
Semisopchnoi Island is simultaneously the most easterly and westerly point of the United States of America.  
<http://earthobservatory.nasa.gov/IOTD/view.php?id=48154>  
 **Semisopchnoi Island, Alaska : Image of the Day**  
earthobservatory.nasa.gov  
Semisopchnoi is the "Island of the Seven Mountains," or more precisely in Russian: "having seven hills." This uninhabited volcanic island is also an important nesting area for maritime birds of the North Pacific.  
2 Impressions · 0% Feedback  
December 28, 2010 at 8:05pm · Like · Comment · Share · Promote
-  **Landsat Google Earth Engine - external news about Landsat**  
Landsat satellite data archives over the last 25 years for most of the developing world available online, ready to be used together with other datasets including MODIS.  
<http://googleblog.blogspot.com/2010/12/introducing-google-earth-engine.html>  
 **Official Google Blog: Introducing Google Earth Engine**  
googleblog.blogspot.com  
66 Impressions · 0% Feedback  
December 8, 2010 at 7:00pm · Like · Comment · Share · Promote
-  **Landsat USGS Director Emphasizes Landsat's Role in Google's Earth Engine**  
In a recent article on the Washington Post's "Post Carbon" page, Marcia McNutt, the U.S. Geological Survey director wrote to reporter Juliet Eilperin.  
[http://landsat.gsfc.nasa.gov/news/news-archieve/news\\_0320.html](http://landsat.gsfc.nasa.gov/news/news-archieve/news_0320.html)  
 **The Landsat Program - News**  
landsat.gsfc.nasa.gov

Create an Ad

### Facebook Pages

Facebook Pages help you discover new artists, businesses, and brands as well as connect with those you already love.

More Ads

Post Views?

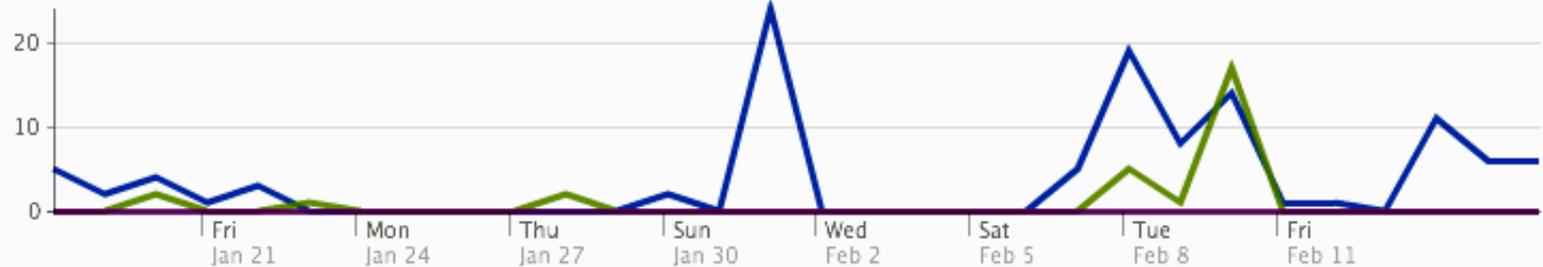
**18,722** ↑229%

Post Feedback?

**140** ↑268%

Daily Story Feedback?

Likes  Comments  Unsubscribes

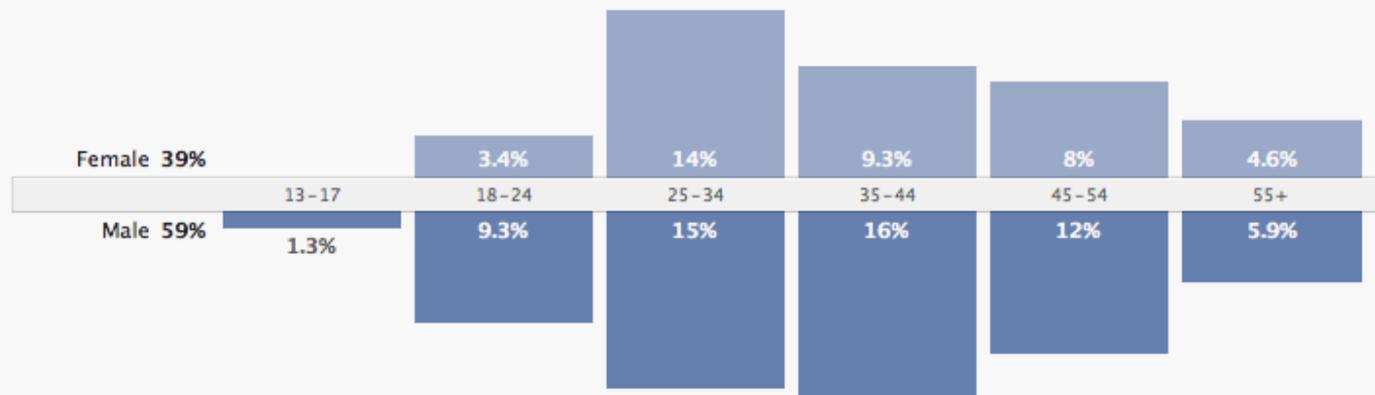


Page Posts?

Message	Posted ▼	Impressions	Feedback
Amman, Jordan is one of the oldest continuously inhabited...	February 15 at 12:20pm	782	0.77%
China's Huang He (Yellow River) is the most sediment-filled...	February 14 at 12:33pm	597	1.5%
Yellow River Delta Another article featuring Landsat...	February 14 at 12:32pm	579	0.35%
Laura Gilchrist is our WINNER! This image is the southern...	February 10 at 2:45pm	189	1.6%
We're coming down to the wire, so here is another hint for...	February 10 at 1:56pm	206	0.49%
The Colorado River flows from the Rocky Mountains in...	February 10 at 1:00pm	690	0.29%
Water Level in Lake Powell Yet another article featuring...	February 10 at 12:59pm	665	0.30%
A new hint for the Landsat Quiz: It's somewhere in North...	February 10 at 8:30am	489	1%
Mountaintop Mining in West Virginia Another article...	February 9 at 11:05am	606	0.33%
Below the densely forested slopes of southern West...	February 9 at 11:02am	546	0.55%

## Demographics

### Gender and Age?



### Countries?

222 United States  
 26 United Kingdom  
 18 Canada  
 14 Portugal  
 14 Spain  
 14 Italy  
 12 Philippines  
 10 Australia  
 10 India  
 8 Ireland  
 8 Germany  
 8 Thailand  
 8 Mexico  
 6 Turkey  
 6 Malaysia  
 6 Pakistan  
 4 Brazil  
 4 Czech Republic  
 4 Algeria  
 4 France  
 Less

### Cities?

14 Washington  
 12 Lisbon

### Language?

302 English (US)  
 52 English (UK)  
 22 Spanish  
 14 Italian  
 12 Portuguese (Portugal)  
 10 French (France)  
 6 German  
 6 Polish  
 6 Thai  
 4 Spanish (Spain)  
 4 French (Canada)  
 4 Turkish  
 4 Czech  
 4 Portuguese (Brazil)  
 2 Arabic  
 2 Finnish  
 2 English (Pirate)  
 2 Indonesian  
 2 Hungarian  
 2 Croatian  
 Less

# Twitter

twitter Search Home Profile Messages People NASA\_Landsat

## NASA Landsat Program

@NASA\_Landsat Greenbelt, MD  
The Landsat Program is a series of Earth-observing satellite missions jointly managed by NASA and USGS. The first Landsat satellite launched in 1972.  
<http://landsat.gsfc.nasa.gov>

Edit your profile →

Timeline Favorites Following Followers Lists

**NASA\_Landsat** NASA Landsat Program  
Possible Crater Found in Libya!  
<http://landsat.gsfc.nasa.gov/images/archive/f0034.html>  
1 hour ago

**NASA\_Landsat** NASA Landsat Program  
LDCM Project Scientist on the Air  
[http://landsat.gsfc.nasa.gov/news/news-archive/news\\_0323.html](http://landsat.gsfc.nasa.gov/news/news-archive/news_0323.html)  
31 Dec

**NASA\_Landsat** NASA Landsat Program  
Landsat at AGU [http://landsat.gsfc.nasa.gov/news/news-archive/news\\_0322.html](http://landsat.gsfc.nasa.gov/news/news-archive/news_0322.html)  
31 Dec

**NASA\_Landsat** NASA Landsat Program  
Smarter Farming with Landsat  
[http://landsat.gsfc.nasa.gov/news/news-archive/soc\\_0026.html](http://landsat.gsfc.nasa.gov/news/news-archive/soc_0026.html)  
31 Dec

**NASA\_Landsat** NASA Landsat Program  
USGS Director Emphasizes Landsat's Role in Google's Earth Engine [http://landsat.gsfc.nasa.gov/news/news-archive/news\\_0320.html](http://landsat.gsfc.nasa.gov/news/news-archive/news_0320.html)  
8 Dec

**NASA\_Landsat** NASA Landsat Program  
A Carbon Agreement That Would Rely on Landsat  
[http://landsat.gsfc.nasa.gov/news/news-archive/news\\_0319.html](http://landsat.gsfc.nasa.gov/news/news-archive/news_0319.html)  
6 Dec

**NASA\_Landsat** NASA Landsat Program  
Landsat, Google, & REDD <http://tinyurl.com/27kiwt4>  
2 Dec

**NASA\_Landsat** NASA Landsat Program  
55 Years and Counting: A Constant Eruption in Japan  
<http://landsat.gsfc.nasa.gov/images/archive/f0033.html>  
2 Dec

**NASA\_Landsat** NASA Landsat Program  
Data Sharing Key to Reducing Natural Hazard Costs

### About @NASA\_Landsat

12 Tweets 2 Following 58 Followers 12 Listed

Following 2 Followers 58

Find accounts to follow: Browse interests · Find friends

What's Next? · hide next steps

1. Get Twitter on your phone
  - Set up mobile notifications
2. Set up your profile
  - Upload a profile picture
  - Write a short bio

About · Help · Blog · Status · Jobs · Terms · Privacy · Shortcuts  
Businesses · Media · Developers · Resources · © 2010 Twitter

[http://twitter.com/NASA\\_Landsat](http://twitter.com/NASA_Landsat)



# EPE Support

## GLS Trifold

### GLS Downloads

To download GLS data using the USGS GIOVIA interface, go to [giovia.usgs.gov](http://giovia.usgs.gov).

1. Select the geographic region of interest using the map interface.
2. Under the "Collection" pull-down menu select "LandSat Decadal", and any of the GLS data sets (GLS1975, GLS1990, GLS2000, GLS2005).

To download GLS data using the USGS Earth Explorer interface, go to [earthexplorer.usgs.gov](http://earthexplorer.usgs.gov).

1. Choose Global Land Survey under "Select your dataset".
2. Select the geographic region of interest using the map interface.

### Further Information

Details about the GLS data set can be found at the following web sites:

University of Maryland/ NASA Land Cover site: [glc.umd.edu](http://glc.umd.edu)

USGS Landsat site: [landsat.usgs.gov/science\\_GLS2005.php](http://landsat.usgs.gov/science_GLS2005.php)

global land survey

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### Global Land Survey

The 36-year Landsat record offers a tremendous opportunity to understand how Earth's land cover and environment have changed in recent decades. Urban expansion, deforestation, and freshwater availability can all be tracked with Landsat imagery. To facilitate mapping such changes at continental and global scales, the U.S. Geological Survey (USGS) and NASA have produced a new data set: the Global Land Survey (GLS). GLS data include the historical range of Landsat sensors (MSS, TM, ETM+) and were collected from both U.S. and international ground stations.

**Acquisition Day of Year**

**Raw NDVI for Acquisition Date**

### Best of the Archive

GLS acquisitions represent the best of the Landsat archive, pre-selected and available for immediate download from the USGS GIOVIA and Earth Explorer interfaces. The Survey is comprised of global collections of cloud-free, orthorectified Landsat images acquired for specific mapping needs (1975, 1990, 2000, and 2005). Plans are being made for a GLS 2010.

Images have been selected to optimize seasonal timing (vegetation greenness) and minimize cloud cover. Each image has also been terrain corrected to a mask accuracy of <math>\pm 20</math> meters per pixel, generally using Shuttle Radar Topographic Mapper (SRTM) digital topography. To compensate for the 2003 failure of the Scan Line Corrector on Landsat 7, multiple GLS2000 ETM+ images have been composited and radiometrically matched for each frame.

### Many Applications

The GLS data set is ideal for mapping long-term environmental changes or for other applications that require continental or global-scale basemaps:

- quantifying changes in global land cover (agriculture, forests, urban extent, etc)
- mapping landform evolution (barrier islands, river courses)
- mapping changes in lake and reservoir area
- assessing biome migration (e.g. wood encroachment)
- geography education and visualization

**Las Vegas**

**1990**

## Mt. St. Helens Lenticular

### Dramatic Eruption – and Recovery – at Mount St. Helens

One moment, Mount St. Helens' snow-capped summit towered over the dense forests of Washington State. The next moment, the volcano's peak was gone.

On May 18, 1980, an earthquake girded the mountain's full-scale volcanic eruption. The blast flattened forest fifteen miles away and triggered deadly flows of ash and superheated gas. Ash from the volcano would eventually encircle the globe.

In the wake of the eruption, the surrounding landscape looked more like the Moon than our green Earth. Although the 1980 eruption reminded us of the might and unpredictability of volcanoes, the ensuing years have shown us that life is an even more powerful force. The swift resurgence of plants and animals is almost as dramatic a story as the eruption itself.

The Landsat satellites have captured both stories with astonishing clarity. The images on this card show Landsat's view of Mount St. Helens before the eruption, just after the blast, and a long way later. Scientists and land managers use Landsat data to get a better picture of all sorts of changes to our land's surface – from those as massive as volcanic eruptions to those as small as new farm fields or urban neighborhoods. As the longest continuous record of the Earth's land surface viewed from space, the Landsat image archive lets us watch as our planet transforms – sometimes within moments, other times across the decades.

NASA and the US Geological Survey manage the Landsat program in partnership. [landsat.gsa.nasa.gov](http://landsat.gsa.nasa.gov)

## LDCM Brochure

# Landsat

## Data Continuity Mission

**FREE DATA!**  
Details Inside

see our  
changing world

Mike Taylor

# EPO Support (cont.)

## 25 Unique Images for Landsat 5's 25<sup>th</sup> Anniversary

## Other Applications

The screenshot shows the NASA website interface. At the top is the NASA logo and a navigation menu with links for HOME, NEWS, MISSIONS, MULTIMEDIA, CONNECT, and ABOUT NASA. Below the menu is a search bar and a breadcrumb trail: NASA Home > News & Features > News Topics > Looking at Earth > Features > Landsat25. The main content area is titled "25 Years of Landsat 5" and features a large satellite image of Lake Pontchartrain and the French Quarter in New Orleans. The image is labeled "Noticeable Flooding" and "French Quarter". To the right of the image is a text box titled "Katrina's Deluge" with the following text: "Two weeks after Hurricane Katrina made landfall in 2005, Landsat 5 captured this image of flooded New Orleans. In this false-color image, vegetation appears red and man-made structures appear whitish blue." Below the text is a "Credit: NASA/USGS" and a "Download Image" section with options for "Full Size" and "800x600". At the bottom of the image gallery are navigation controls: "Full Screen", "Slide Show", "View Thumbnails", and "Add to MyNASA Image Gallery". Below these are thumbnails for images 21 through 26, with image 22 being the current view. The footer contains the NASA logo, page information (Page Last Updated: February 27, 2009; Page Editor: Robert Garner; NASA Official: Brian Dunbar), and a list of links including Budgets, Strategic Plans and Accountability Reports; Freedom of Information Act; Privacy Policy & Important Notices; NASA Advisory Council; Inspector General Hotline; Office of the Inspector General; NASA Communications Policy; Contact NASA; Site Map; USA.gov; ExpectMore.gov; Open Government at NASA; and Help and Preferences.

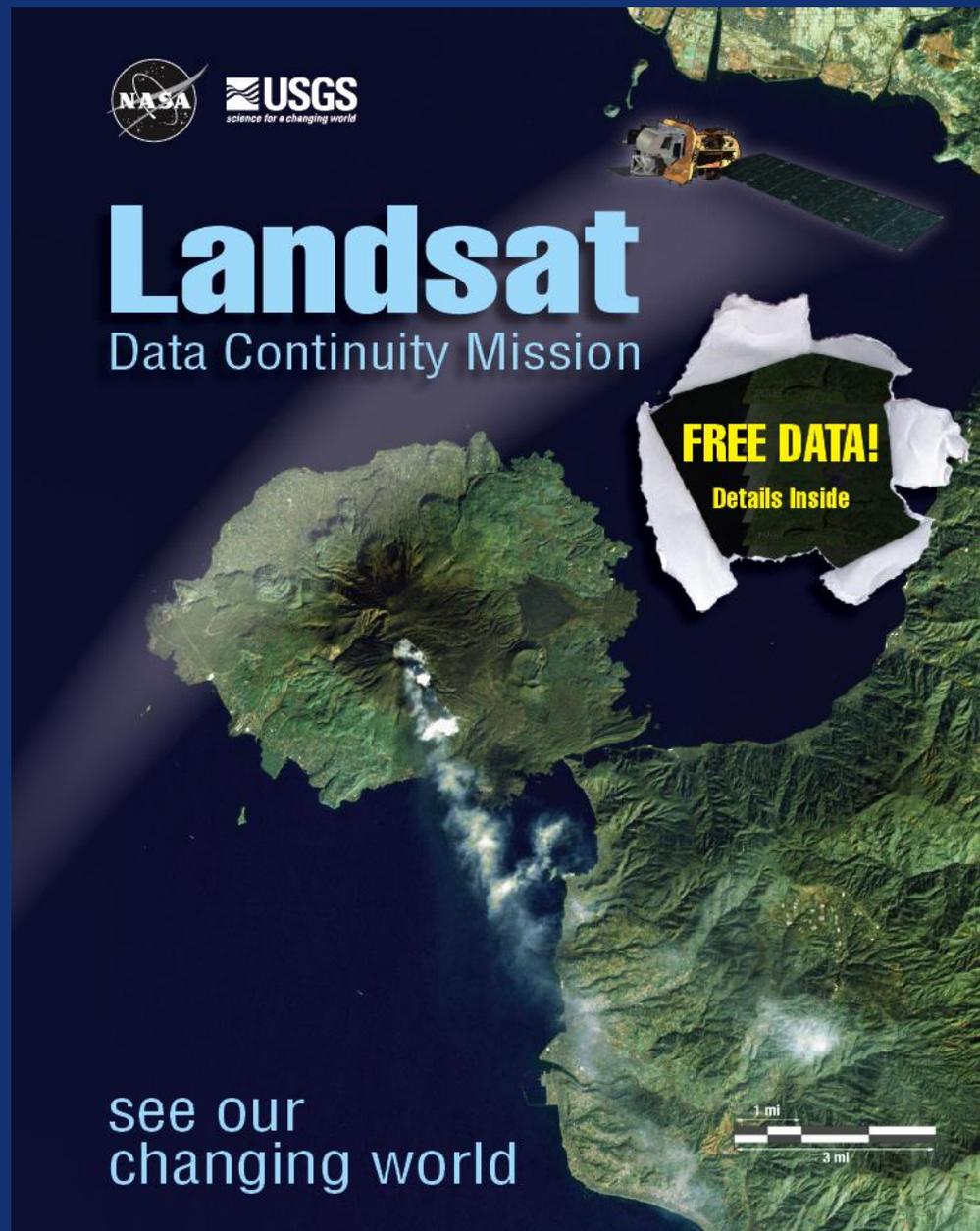


Mike Taylor

Much-improved  
technical brochure

Want some? Will ship.

[Jeannette.E.Allen@nasa.gov](mailto:Jeannette.E.Allen@nasa.gov)



# Earth to Sky Interagency Partnership

NASA, NPS, and US Fish and Wildlife Service (FWS)

- Continued follow-up for Earth to Sky III, and IV tracking and responding to participants' activities resulting from the workshop. Participants total 70; they have in turn reached over **2.7 million** people with content provided in ETS workshops
- WebRangers working group, writing and designing for the next two activities on climate change
- Five part webinar course underway over 300 registered participants
- Web site revamp is now underway
- Preparing for next week long workshop (September 2011 at National Conservation Training Center)



# Integrated Geospatial Education and Technology Training (iGETT)

<http://igett.delmar.edu>

*Professional Development for  
Instructors at Two-year Colleges  
2007-2011*

*Wrapping it up*





Instructors and their students are learning how to **analyze federal land remote sensing data** to solve problems.



# Results



- ❖ Remote sensing has been infused into 38 existing courses;
- ❖ 23 new remote sensing courses are being offered;
- ❖ 5 new geospatial certificate programs have been developed;
- ❖ 2 new AA degrees in geospatial technology have been developed and 2 more are planned.
- ❖ The participants made a total of 43 formal presentations about geospatial education, at national & regional conferences.
- ❖ 6 participants have received grants for geospatial technology education projects, and 2 proposals are in the planning stage.

According to the project's external evaluator, iGETT “can only be described as transformative” for the participants.





Trent Morrell, Laramie County Community College, WY: “Words cannot begin to describe the impact this... experience has had on me as an instructor, a geographer and geoscientist, and as a person.”

Adam Dastrup, Salt Lake City Community College, UT: “The department can’t stress enough the importance and the impact iGETT has had in terms of program and curriculum development and professional development of our faculty and students...”

Douglas Crebs, Stone Child (Tribal) College, MT: “The training that was provided at Delmar College in Late summer 2008 was fantastic. The trainers and the logistical organization was first rate. One of the most professional and rigorous trainings I have been involved with...”





Robert Kenning, Salish Kootenai (Tribal) College, MT: “My participation in the iGETT program marked a key moment in the ability of the Salish Kootenai College to offer a well-rounded (and well connected) geospatial program.... The iGETT program gives intensive time and scope of work investment to each faculty participant—this is largely responsible for my ability to take on ... new roles and capacities.”





Angela Milakovic, Bismarck State College, ND: “ For me in my career, there was ‘Before iGETT’ and ‘After iGETT.’ I can’t even describe what a huge difference it has made in my whole life.”

Jackie Stenehjem, Williston State College, SD: “Because of iGETT, every member of the Williston State College faculty, administration and staff, and every community official now knows what geospatial technology can do!”

Elizabeth Sedgwick, Fond du Lac Tribal and Community College, MN:

“This project has been the most efficiently and effectively managed project that I have had the pleasure to participate in. However, the impacts of iGETT have reached so much farther than simply academic and professional. iGETT has touched each participant on a personal level.”





iGETT purpose is secondarily curriculum development: Participant-authored modules

We are making them easier to download and updating software:

- porting 10 Learning Units to ArcGIS 10
- shrinking file sizes
- editing

Esri's ArcGIS 10 software incorporates SOME ENVI capability.





# HiGETT

Integrated Geospatial Education and Technology Training  
for High School Age Youth

National 2-day meeting

to investigate and articulate group recommendations  
on the most effective means of conducting geospatial  
technology education and career awareness for high school  
age youth

Focus on creative thinking



# Objectives



## *At the meeting:*

1. To explore the future of geospatial technology education and career awareness for high school age people
2. To produce a set of recommendations for effective means of bringing geospatial education to high school age people

## *After the meeting:*

3. To write a report that conveys the rich discussion and group recommendations on best means of moving forward
4. To disseminate the report nationally at conferences and on Web sites



# Selection of Groups Participating in HiGETT

- 4-H
- Girl Scouts
- National Park Service
- U.S. Fish and Wildlife Service
- United States Geospatial Intelligence Foundation
- American Society for Photogrammetry and Remote Sensing
- LizardTech
- MDA Federal
- Booz Allen Hamilton
- Sanborn Map Company
- North Carolina Museum of Natural Sciences
- USGS
- Several community college and high school instructors *and students*

# Professional Conferences

- National Academies of Science Climate Change Education Roundtable
- Climate Change Education Interagency (NASA, NOAA, NSF) Meeting
- GEOINT 2010 Symposium
- ASPRS special conference in Orlando, FL, November 15-18, 2010.
- National Interpreters Workshop
- AGU
- AAAS

## Public Events

Library of Congress: Anyamba in 2011; Bindschadler & Covington - 2012

Three community events each year - Such as on Smithsonian Mall and at GSFC

# Landsat Legacy Project

In 2007 with additional support from the NASA History Office, the Landsat Legacy team began writing a **full-length history book** with materials from the Landsat Legacy Archive. This book will likely be published in 2012/13.

## The Legacy Archive Contains:

- over 750 registered documents
- 21 original Landsat oral histories and transcripts

## Book Status:

- 2 of the 5 chapters have been sent out for external review
- Remaining 3 chapters will be sent out over the next 10 months

Laura E. P. Rocchio

**THE GODDARD LIBRARY**  
Homer E. Newell Memorial Library

+ NASA Homepage  
+ Goddard Homepages  
+ Goddard Space Flight Center Library

### The Landsat Legacy Project

- ABOUT + SEARCH

Welcome to the Landsat Legacy Project Website.

#### THE NASA/USGS LANDSAT LEGACY PROJECT

Since the project's inception in 1965, Landsat has stood at the forefront of space-based Earth observation and has been the trailblazer for remote sensing as we know it today. But the forty-five year history of Landsat has been tumultuous. The program has been variously administered by a multitude of government agencies and a private company. Over the course of eight Landsat missions the program documentation has become widely disseminated, as a result, many details have been lost and misconceptions about the project's history have arisen through the decades.

In 2004 an effort to accurately document Landsat's evolution began. Since that time, NASA, together with the U.S. Geological Society, has been gathering technical and historical information. With the help of the NASA Goddard Space Flight Center, the USGS Earth Resources Laboratory, and the Landsat Legacy Project team, the documentation has been compiled into this website.

#### NEWSLETTER SCHEDULE

With this issue, the Landsat Data Users NOTES begins a 6-month, bi-monthly schedule with a newsletter format. The bi-monthly issues will concentrate on topics of interest to the remote sensing data user, with emphasis on Landsat-related developments.

#### EARTH STATION AT EDC PLANNED

Transfer of Landsat data from NASA's Goddard Space Flight Center (GSFC) to the Earth Resources Laboratory (ERL) at the University of Wisconsin-Madison is under way. The ERL is currently constructing a communications site for Earth station at the Sugar Grove facility. The Earth station's main components will be a 10.8-meter parabolic antenna, a parabolic antenna and various receive only RF and data subsystems.

#### LANDSAT DATA USERS NOTES

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NASA

U.S. GEOLOGICAL SURVEY  
EROS DATA CENTER  
Sioux Falls, S. Dak. 57198

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
OFFICE OF THE SECRETARY  
WASHINGTON, D.C. 20240

Memorandum  
To: Assistant Secretaries and Bureau Heads  
From: Under Secretary  
Subject: Earth Resources Observation Satellite Program-- Status and Plans

JUL 12 1967

Within the Department, exploration of potential applications of the EROS program has been underway for some time and is continuing. It is the Department's policy to continue the program on a basis of collaboration in carrying out the program. Decisions regarding the program should be made on a basis of the Department as to organization, program definition, and responsibilities for budgeting, fund administration and planning. This memorandum is to establish a working arrangement for the EROS program and thus provide a basis for the execution of the program.

Policy--

Sensors operating from orbital vehicles will provide a sophisticated tool for more effective and efficient management of our natural resources. It is, therefore, that in the progressive development of this tool it be applied to the most important of our resource responsibilities and that its use be fully integrated with the broader resource management responsibilities. Our relationship with NASA and with Agriculture and Forestry is a key element in this process. Only in this way can effective integration of technology with our resource mission and responsibilities be achieved.



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