



Landsat Legacy Document Collection

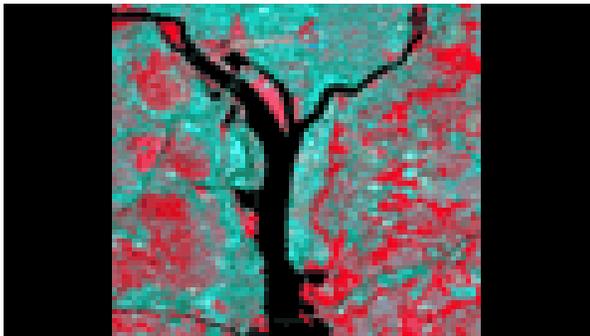
Nikkia Anderson
NASA Goddard Library
Taxonomy Tuesday
April 26, 2005

What is Landsat?

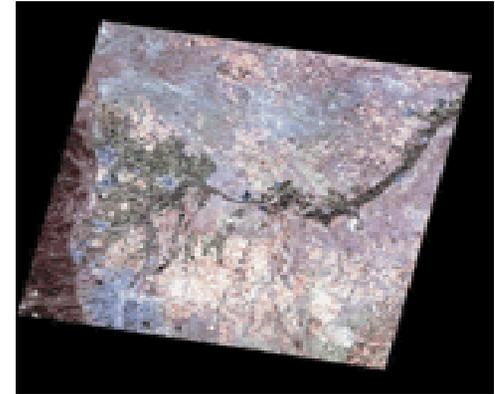


- The Landsat Project began in 1972
- Originally ERTS (Earth Resource Technology Satellite)
 - Developed to demonstrate the usefulness of remote sensing data for land and resource applications.
- The Landsat Project is a joint initiative of the U.S. Geological Survey (USGS), NASA and others to gather Earth resource data using a series of satellites.
 - There have been 7 Landsat Satellite Missions:
Landsat 1-7

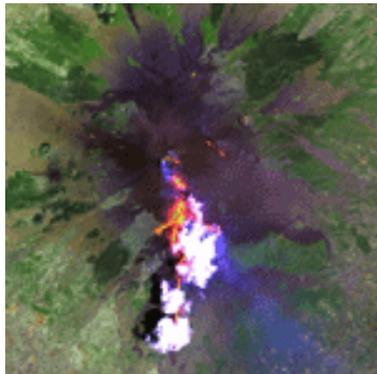
Landsat 7 Images



Washington, D.C., May 28, 1999



Namibia's Kuiseb River
which is bordered by
sand dunes to the south
and barren rock to the
north.



Mt. Etna; lava flow of
29 July 2001

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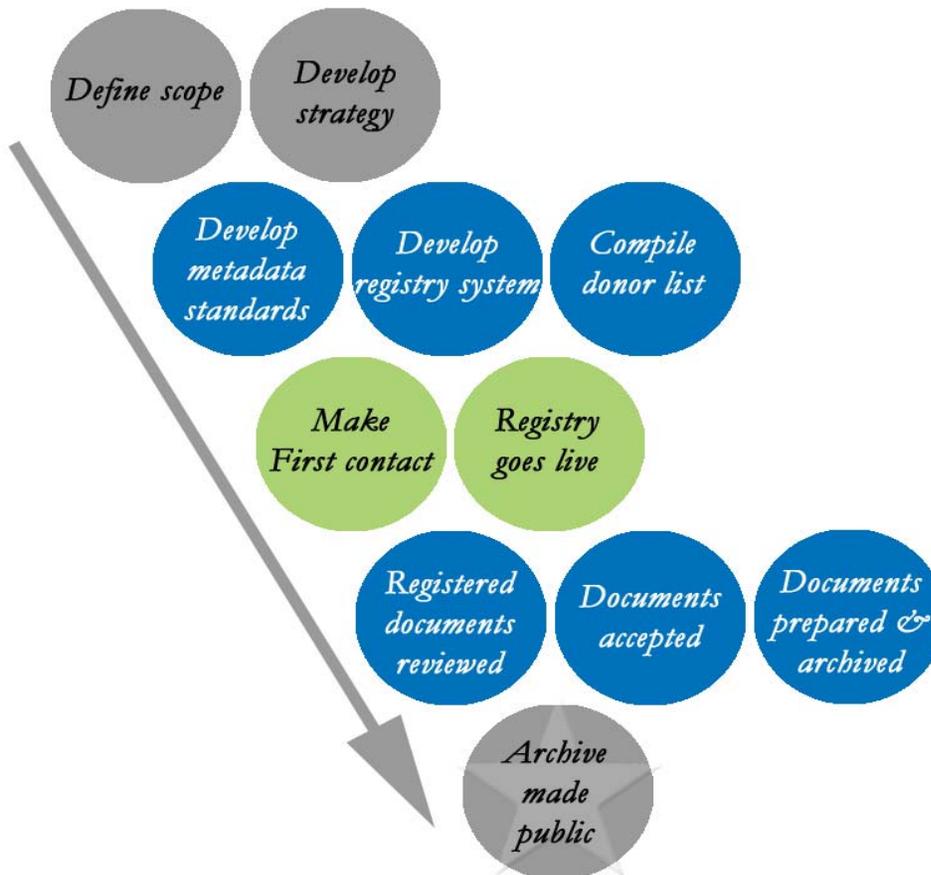
Landsat Legacy Project



- **Initiated by the Landsat Office**
 - **Project Inception began Summer 2004**
 - **Partnership: Goddard Library, Landsat Project Science Office, and U.S. Geological Survey (USGS)**
- **Preserve 30+ year history of Landsat**
 - **Collect Landsat documents with an emphasis on the technical grey literature**
- **Digital library about history of Landsat for use by historians, journalists, students, policy makers, and the public**
- **Multi-agency and multi-contractor**
- **Involves submission system and digitization of historic documents**
- **Collection will have Landsat interface and part of DAS collection**

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Project Workflow



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Landsat Legacy Metadata Elements for all Documents



- Title
- Creator [person's name or entity - manual]
- Creator Organization [entity - manual]
- Creator Contact
- Subject [fixed == Landsat]
- Subject Missions Project [pick-list]
- Subject Competencies [exhaustive pick-list]
- Subject Instrument [pick-list]
- Subject Uncontrolled
- Description [size limitation
- Date
- Content Type (derived from MIME type or system)
- Format
- Identifier URL
- Language (default: ENGLISH)
- Rights
- Audience [pick-list, to help tailor future searches]
- Publisher
- Publisher Organization

Landsat Controlled Vocabulary: Selected Examples



- **Subject.MissionProject**
 - ERTS
 - Landsat 1
 - Landsat 2
 - Landsat ...
 - Landsat Data Continuity Mission (LDCM)
 - Future Landsat Missions
- **Subject.Instrument**
 - RBV
 - MSS
 - Follow-on
- **Subject.Competencies**
 - **Applications**
 - Agriculture
 - Boreal Forests
 - **Spacecraft**
 - Attitude
 - Solid State Recorder (SSR)
- **Audience**
 - **Application**
 - **Education**
 - **State and Local Government**

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Landsat Legacy Registration System

Landsat Legacy Document Registration Template - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Landsat Legacy Document Registration Template

Help:

- [Definitions of the Landsat Core Elements and Content Guidelines](#)
- Follow the link from a field's name for help with completing that field.
- If you have Questions or Problems with this process, please contact: [Nidisa Anderson](#) or [Dan Smith](#)
- If you have questions pertaining to Landsat Legacy Document, please contact: [Laura Rocchio](#) or call her at (301) 614-6665

- Please fill out this form separately for **each** document you are registering.
- Fields labeled with * are required.

TITLE * of the resource to be described

If you have multiple titles, please press Enter key to separate each TITLE.

AUTHOR (Name of the person or organization primarily responsible for creating the intellectual content)

If you have multiple authors, please press Enter key to separate each AUTHOR.

PUBLICATION DATE (If applicable, please select Year/Month/Date, Year/Month, or Year)

Year Month(if any) Date(if any)

DESCRIPTION (Abstract, content description)

DOCUMENT INFORMATION *

Is your document an electronic file or a hardcopy? Electronic Hardcopy

If electronic, please answer:

What is the document format? document name extension, e.g. pdf, doc, txt, ps, etc.

What is the document size?

Internet



Landsat Metadata Modification Form

Landsat Core Metadata Template - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Landsat Core Metadata Template

Help:

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It is possible to exceed the visible limitations of the input boxes.
If you need to repeat a field, just click on the  that accompanies the field.

ID

1 TITLE of the resource to be described

2 CREATOR (Name of the person or organization primarily responsible for creating the intellectual content)

Creator Employee

Creator Organization

Creator Contract

3 SUBJECT (Your own keywords describing the topic of the resource, *one per box*)
Landsat

Subject Missions Projects

Local intranet