

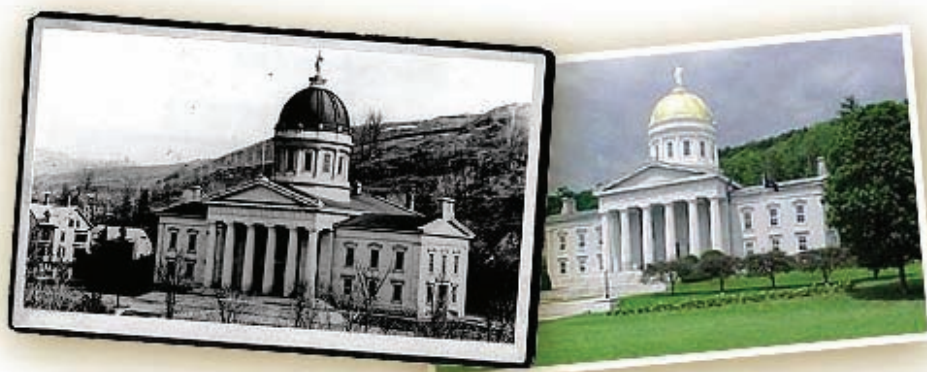
Landscape Change Program web site map

Navigating to a few interesting places
(There are many different aspects to the site so please explore!)



1 2 3 4

We've Made TIME TRAVEL Possible.



The Landscape Change Program, at the University of Vermont, is a virtual collection of images that documents 200 years of Vermont's changing face. We have thousands of views of Vermont as it was and as it is, online and free to everyone.

Left: The State House, Montpelier (1874 and 2000). 1874 photo courtesy of the Vermont Historical Society, photo VHS-96.

Enter the website and see how VERMONT has changed!

© 2004.
LANDSCAPE
CHANGE
PROGRAM



website design created by
new breed marketing



Funded by grants from
The National Science Foundation
and The Lintilhac Foundation

- 1. Search:** Explore the search functions of the Landscape Change Program web site
- 2. Submit:** Follow the steps necessary to submit an image.
- 3. Learn:** Find the *Dating Historic Images* pages in the “learn” section of the web site.
- 4. About:** Review the Landscape Change Program operating procedures found in the “about” section of the web site.



By clicking the search button on the Landscape Change Program web site header you will be directed to the search the Archive page, from here you can search for images a number of ways including, by clicking on the map or setting specific search criteria. From here you can also click on the sample image which is a random image selected from the entire archive collection or browse the most frequently or most recently viewed images.

Search the Archive

Welcome

Currently, there are **25,910** images in the archive, created between the years **1690** and **2009**.

Overwhelmed? You might start by looking at ...


- ... [all 25,910 images in the archive](#).
- ... [the images added most recently](#) (100 images).
- ... [the images viewed most frequently](#) (100 images).
- ... [mystery images](#) - we don't know the town (help us!)

Quick Search

Search the entire archive for words and places:

Sample

Here is a random image from the collection:




View of a Field
Addison, Addison County

Source: Vermont State Archives

Map Search

Click a county to see images that were taken in that county.



Advanced Search

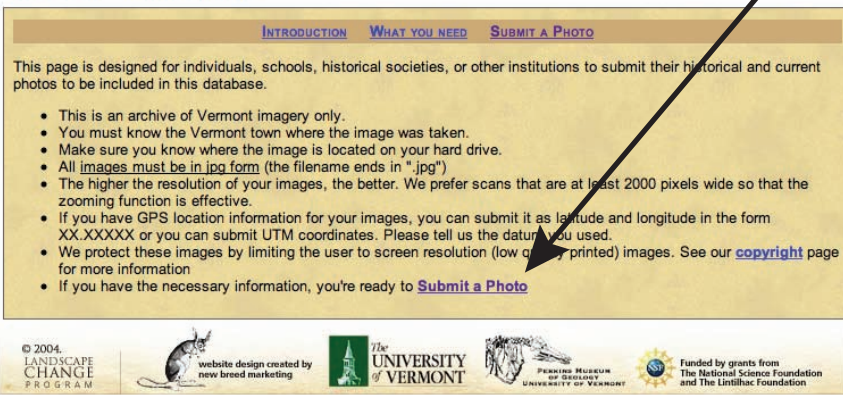
Show me images in the archive...

- ...that the words in their
- ...that were taken
- ...that were taken between and
- ... that were taken on an unknown date
- ...that were originally pixels wide
- ...that have



By clicking the submit button on the Landscape Change Program web site header you will be directed to the contribute to the archive page. There is a list of requirements for submitting an image and once you make sure that your image meets these criteria, you can click submit a photo.

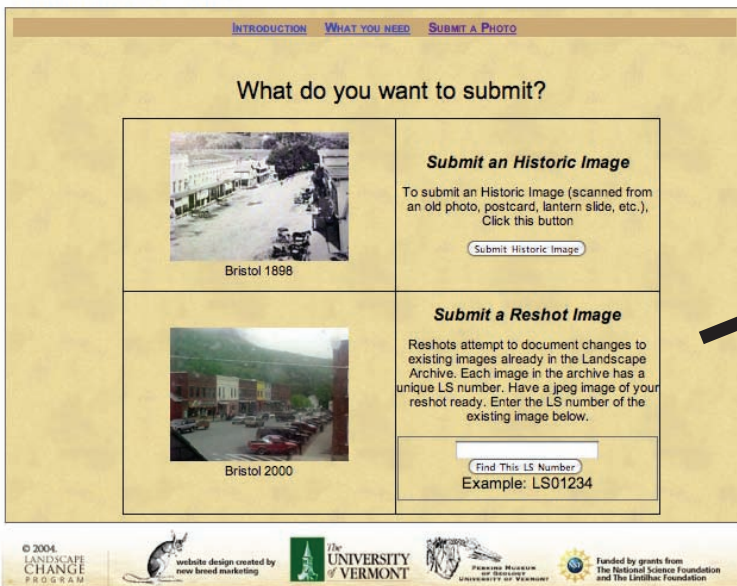
Contribute to the Archive



To submit an image you must upload a jpg file from your computer, provide a title, description, town where the image was taken, owner of the image, photographer and type of image. Additionally if you know the date the photo was taken or specific location information add that as well.

By clicking the submit a photo button, you will be directed to a page asking if you are submitting an historic image or a reshot.

Contribute to the Archive





By clicking the learn button on the Landscape Change Program web site header you will be directed to the learn page. There are several different sub-heading that you can choose to learn various aspects of the web site as well as applications that utilize the web site in different learning activities.

Learn

The dating historic images web pages begin by providing the user with several major categories to use to evaluate the features of a photograph for clues to the date it was taken. From this page, additional information is provided for each topic along with pictures for comparison and date ranges of popularity of various features.

Transportation	Roadside Features	Agricultural Features	Buildings	Human Features	Other Features
Carriages	Roads	Barns	Residential	Clothing/Hair	Mail Service
Boats	Utility Lines	Silos	Commercial	Farmers' Clothing	Dams/Reservoirs
Railroads	Bridges	Windmills	Industrial	Military Uniforms	Flags
Streetscars	Traffic Signals/Signs	Tools/Machinery	Public	Sporting Events/Clothing	TV/Radio Antennas
Automobiles	Street Lights		Carriage Barns/Garages		Lighthouses
Airplanes	Billboards		Roadside Architecture		Fine Hydrants
Bicycles	Gas Stations				Water Towers

Under the Using Photos header is a link to a web page on dating photographs. This tutorial utilizes visual clues in a photograph to determine an approximate range for the time period in which the photo was likely taken



By clicking the about button on the Landscape Change Program web site header you will be directed to the about the Landscape Change Program page. This page provides information on the program, who should participate and how to utilize the archive.

About the Landscape Change Program

[ABOUT THE ARCHIVE](#)
[MISSION](#)
[COPYRIGHT](#)
[CONTRIBUTORS](#)
[PUBLICITY AND PUBLICATIONS](#)
[LCP HISTORY](#)
[STAFF](#)
[OPERATING PROCEDURES](#)
[CONTACT US](#)

The *Landscape Change Program* is an on-line archive of historic landscape imagery. The thousands of images in the archive provide an interdisciplinary look at the past and present of the Vermont landscape. The program is funded by the National Science Foundation to digitally document how the Vermont landscape has changed over time.

What is landscape change?

The landscape of Vermont has changed considerably since it first emerged from the ocean during the collision of tectonic plates hundreds of millions of years ago. For a time, geologically speaking, sediments that became Vermont had been in a warm tropical sea at the equator. Slowly they moved north. Mountains were born and began to erode. In the recent geologic past, massive ice sheets more than a kilometer thick blanketed Vermont. Soon after the glaciers left, Native Americans inhabited the area. Colonial settlers moved in, clearing the land and making way for agriculture, then sheep, then dairy. Thousands of hill farms sprang up and many were later abandoned as fertile, easy to till western soils called. Now the Vermont landscape is mostly forested and increasingly developed. The face of Vermont has changed dramatically over time. The shared appreciation and acknowledgement of this rich landscape history is the goal of this project.




The Silsby and Co. Mills in Lowell, then and now

What is the Landscape Change Program?




Looking Across Lake Seymour at Elean Hill, Morgan, VT in 1944 and today

We work with townspeople and local historical societies to scan and upload images as well as to add information about existing photos. We work with teachers to develop curricula or integrate our activities and project ideas into existing curricula that focus on the Vermont landscape. We work with students, visiting classrooms to serve as guest lecturers, lead field walks looking for signs of landscape change and serve as resources while looking for information and historic photos. Anyone is welcome to look for and scan historic photos or artwork of their hometown at local historical societies and other sources. Once you have found images, go into the field with one of our GPS units and a digital camera to retake the photo from the same location. Upload the photo pair and associated location data to our website to become part of our on-line, searchable database of Vermont photos. Or, you can help us learn more about the photos we already have. Either way, the project links people with their communities, their history, and their landscape.

[Contact us](#) to learn more.

[See publications](#) about the *Landscape Change Program*

[See a list](#) of our contributing organizations

Who should participate?

Anyone can get involved by [searching the photo collection](#) or [submitting historic and/or recent photos](#) to the database. Townspeople can also help by taking current photos that match historic ones for which we don't yet have a pair, or by commenting online, adding information about photos that we already have. School classes in Earth Science, Social Studies, Vermont History, American History, Ecology, Architecture, Natural History, Art or Photography can all find relevance in linking with the *Landscape Change Program*. High schools, middle schools, and colleges across the state have already been involved. We'll work with any discipline or school that is interested in focusing on changes in the landscapes of Vermont.

Teachers, we have curricular and lesson plans for integrating *The Landscape Change Program* into your units. Check our [learn](#) pages. You can take our lesson plans and use them or you can involve your class in finding and/or reshooting photos. As funding allows, we are happy to be of assistance in loaning out portable GPS units and visiting classrooms.

Where do I begin?

- [Search the collection](#). Look for photos from your hometown or use the keywords [keywords](#) to find images that interest you.
- Help us get our facts straight. Read the descriptions of the photos, check if the date is right and if the photo is assigned to the right town. If not, let us know with our online comment form located just below each photo (hint, it looks like a cartoon character ballon for words). When you comment there, we know exactly which photo you're writing about.
- [Submit Photos](#). Know anyone who has some old photos? Ask to scan them and use our online [submission](#) page to put just a historic photo or paired historic/recent photos into our database.
- Want to know more? Visit our [learn](#) pages to see some of our slideshows and other materials. Check out the [bibliography](#) or information on Vermont's geologic or settlement history.

The about section also provides logistical information on the archive including a page outlining operating procedures for the Landscape Change Program. This information is presented as web pages or downloadable pdfs.

About the Landscape Change Program

[ABOUT THE ARCHIVE](#)
[MISSION](#)
[COPYRIGHT](#)
[CONTRIBUTORS](#)
[PUBLICITY AND PUBLICATIONS](#)
[LCP HISTORY](#)
[STAFF](#)
[OPERATING PROCEDURES](#)
[CONTACT US](#)

Operating Procedures (pdf downloads)

- **Introduction:** Includes our [mission statement \(pdf\)](#), the [history of the Landscape Change Program \(pdf\)](#), and the marketing images we use for [branding \(pdf\)](#). [Download the entire Introduction Chapter \(pdf\)](#), 11MB.
- **Building the Archive:** Documents the [webware \(pdf\)](#) we developed in SQL and php formats, the [hardware \(pdf\)](#) we use for server storage and scanning images, the types of [personal \(pdf\)](#) we have used for all aspects of the project, and our procedures for [image and data acquisition \(pdf\)](#), [writing descriptions \(pdf\)](#) and [keywording \(pdf\)](#). [Download the entire Building the Archive Chapter \(pdf\)](#), xxMB.
- **Managing the Archive:** Outlines the [web interface management tools we developed \(pdf\)](#), the [bulk processing \(pdf\)](#) procedures we created for uploading and processing images, and the [image clean-up \(pdf\)](#) protocols we follow. [Download the entire Managing the Archive Chapter \(pdf\)](#), xxMB.
- **Using the Archive:** Outlines the [public web interface](#) we developed for users to search the archive and sort results [\(pdf\)](#), the [community up-load procedures \(pdf\)](#) we created for public additions to the archive, procedures for [reshooting images \(pdf\)](#), the [copyright protocols \(pdf\)](#) we follow, and our [outreach efforts with local users \(pdf\)](#). [Download the entire Using the Archive Chapter \(pdf\)](#), xxMB.
- **Learning Tools:** Showcases the educational products we created using images from the *Landscape Change Program* archive, and includes [K-12 curricula](#) developed by local teachers [\(pdf\)](#), [tutorials](#) developed by University professors and other experts on local geology, human-landscape interactions, describing images, and dating images, thematic [scrapsbooks \(pdf\)](#), [115MB](#) developed by undergraduates, thematic [PowerPoints](#) developed by outreach staff, stand-alone web [modules](#) developed by graduate students, a University [on-line course on Landscape Interpretation](#), and ["Learning Landscapes"](#), a web-based geomorphology unit for teaching about rivers and slopes. [Download the entire Learning Tools Chapter \(pdf\)](#), xxMB.
- [Download entire Operating Manual \(pdf\)](#), xxMB.

© 2004 LANDSCAPE CHANGE PROGRAM

website design created by new breed marketing

THE UNIVERSITY OF VERMONT

FRANKLIN MERRILL UNIVERSITY OF VERMONT

funded by grants from The National Science Foundation and The Linthicum Foundation