

## Land Talk

*Geo-aware web application for sharing conservation interviews*

Center for Spatial and Textual Analysis (CESTA) - Stanford University  
9/2017 – 2/2018

-  PM Project Management
-  B Branding
-  Ds Web Design
-  Dv Web Development

Land Talk is a project by Professor Deborah Gordon (Stanford University) that aims to collect recorded and written interviews from individuals who have lived in a location for a long time about how that place has changed over time, with a focus on environmental and development changes. When I joined the project, I provided support and updates for an existing prototype Python/Django site. I then did branding, design and development for a full redesign of the site.

The redesigned site was built as a WordPress theme with a custom content model and submission form implemented with Advanced Custom Fields PRO. The front-end is a hybrid of WordPress templates with dynamic React components for no-refresh searches and content loading. The dynamic front-end components communicate with the WordPress CMS via a custom REST API. Maps are displayed using the Google Maps API.

**Repository:** <https://github.com/cestastanford/landtalk>

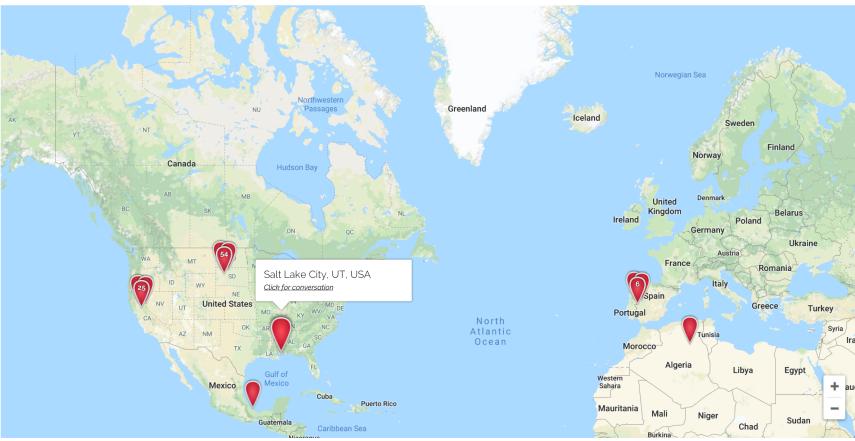
**Live site:** <https://landtalk.stanford.edu>



LAND TALK

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Land Talk shows conversations with people about changes they have noticed in places they know well. Click on any map marker to see a conversation about the marked place and read more about an observer's experience there.



Click a marker group  to zoom in on the map and explore conversations.

**Featured Conversations**



**Red Hills, Jamaica**  
Karen Donaldson, a long time resident of Red Hills, Jamaica, describes her experience growing up in the Hills. From the disappearance of species to new construction along the mountainside, she has seen much change in the area.



**Lanikai Beach, Kailua, Hawaii**  
In this audio file I am interviewing my Mom about the effect time has had on Lanikai beach.

[Click for conversation](#)



**Headington, Oxford, England**  
The observer describes the process of urbanization in Headington (a suburb of Oxford in England) where she grew up in the 1960s and 1970s.

[Click for conversation](#)

## Homepage

Visitors are immediately presented with a full-size map of submitted interviews and some featured interviews.

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### Conversations

View the selected Featured Conversations, see the Latest Conversations submitted to the site, use the Map to explore conversations by location, or scroll down to All Conversations to browse and search through all content on the site.

► Featured Conversations

► Latest Conversations

▼ Map



Click a marker group  to zoom in on the map and explore individual conversations.

▼ All Conversations

search conversations

		
Delaware, Ohio This LandTalk is an interview with my grandmother, Sandy Frazier. She and my grandfather bought 20 acres of land in Delaware, Ohio in 1976. Over the years they have built a house on this land and helped support the growth of native trees and animal life on their land. During our interview... <a href="#">Click for conversation</a>	Arbuckle Park, Brownsburg, Indiana Renuka Sathyamurthy will be talking about Arbuckle Park. Arbuckles Park is a nature park that has many trees, a creek, playgrounds, shelters for picnics and other activities, basketball courts, and baseball diamonds. There is also a walking trail. <a href="#">Click for conversation</a>	Galewood, Chicago, IL Lisa Schrantz describes the backyard of her home in Chicago and how it has changed in the past 20 years she has lived there. <a href="#">Click for conversation</a>
		

## Conversations

Visitors can explore the interviews chronologically, via the map or with a text search.

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Undeveloped Rapid City in the 80s  
Rapid City, South Dakota, 1987



Modern Rapid City  
Rapid City, South Dakota, 2014

Rapid City, South Dakota, USA



Click map to reveal this conversation on the full-size map and see nearby conversations.

Conversation



Mrs. Nancy England discusses Rapid City, South Dakota which she has visited for over 20 years.

**Observer:** Nancy England  
**Interviewer:** Erin England  
**Interview Date:** 4/7/2004  
**Submission Date:** 12/13/2017  
**Keywords:** South Dakota, development, Rapid City

About This Place

**Historic Appearance**  
Mrs. England described Rapid City when she first visited as undeveloped and very natural, with a lot of wildlife.

**Changes over Time**  
Mrs. England noticed that over the past 25 years, it has built up with many tourist attractions, particularly around Mt. Rushmore. There has been a revitalization of the downtown, with more shops and restaurants. She has also noticed less wildlife in the area, particularly deer. After

## Conversation Single

Each interview displays nearby conversations and contains a YouTube embed of the interview, along with written content.



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## Report Conversation: Rapid City, South Dakota, USA

Land Talk hosts conversations that meets all the following quality and appropriateness standards:

- The submission contains a complete response for each field in the Submit form.
- The submission describes observations of changes in a place.
- The submission is free of promotions for products or organizations.
- The submission meets PG-13 standards for language and decency.

If this entry doesn't belong on Land Talk, fill out this form and an administrator will review it. Please note that all fields are required.

**Why are you reporting this conversation?**  
Choose a reason

**Please provide more details about why this conversation should be removed from Land Talk.**

**Enter your email address**  
Email address  
We collect this in case we need to contact you about your report.

I'm not a robot reCAPTCHA  
Privacy · Terms

**Submit Report**

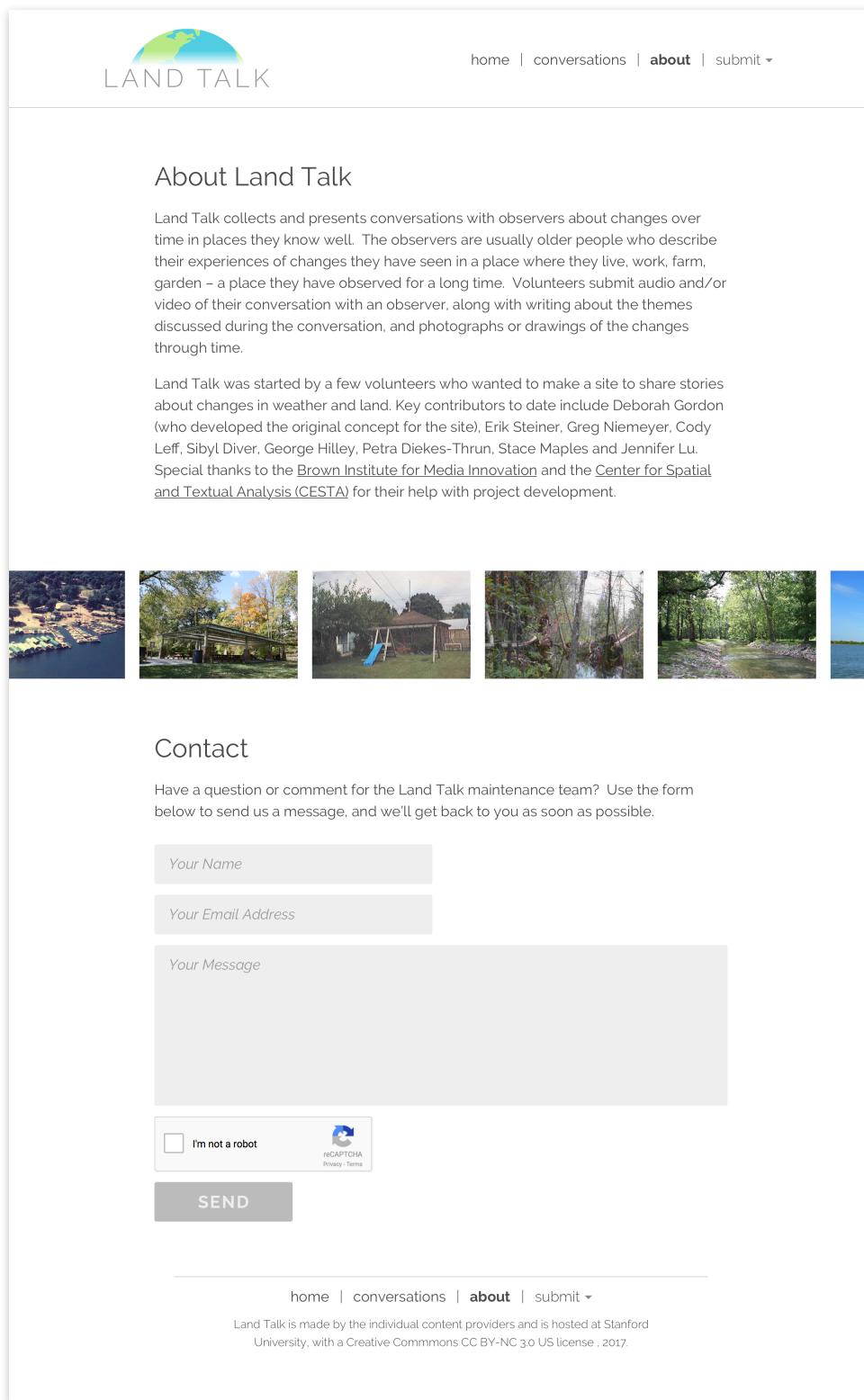
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### Report a Conversation

Visitors can report conversations, which automatically hides them from the public until an administrator can review the report.



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## About Land Talk

Land Talk collects and presents conversations with observers about changes over time in places they know well. The observers are usually older people who describe their experiences of changes they have seen in a place where they live, work, farm, garden – a place they have observed for a long time. Volunteers submit audio and/or video of their conversation with an observer, along with writing about the themes discussed during the conversation, and photographs or drawings of the changes through time.

Land Talk was started by a few volunteers who wanted to make a site to share stories about changes in weather and land. Key contributors to date include Deborah Gordon (who developed the original concept for the site), Erik Steiner, Greg Niemeyer, Cody Leff, Sibyl Diver, George Hilley, Petra Diekes-Thrun, Stace Maples and Jennifer Lu. Special thanks to the [Brown Institute for Media Innovation](#) and the [Center for Spatial and Textual Analysis \(CESTA\)](#) for their help with project development.



## Contact

Have a question or comment for the Land Talk maintenance team? Use the form below to send us a message, and we'll get back to you as soon as possible.

Your Name

Your Email Address

Your Message

I'm not a robot reCAPTCHA  
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**SEND**

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## About

A contact form allows visitors to contact site administrators.



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[guidelines](#)

## Submit Conversation

Use this form to submit a conversation to Land Talk. Please complete all fields marked as "required." Thank you for your contribution!

▼ Location

**Place Name (Required)**  
  
Include the name of the city, state/province if applicable, and country.

**Managing Organization (Optional)**  
  
If the place is managed by a municipal, state, national, nonprofit or commercial organization, enter its name here.

**Coordinates (Required)**  
Enter the latitude and longitude of the place in decimal format. Be sure to include any negative signs (-). If possible, include 4 digits after the decimal point (for example, 48.4085). To convert from hours-minutes-seconds format, use [this tool](#). To find coordinates of a location from Google Maps, zoom in until the place is easily distinguishable, then right-click on the place and select "What's here?". Then, copy and paste the latitude and longitude values from the resulting pop-up at the bottom of the screen.

Latitude   
Valid latitudes are between -90.0000 and 90.0000.

Longitude   
Valid longitudes are between -180.0000 and 180.0000.

  
Enter coordinates to preview location.

[Continue](#)

► About This Place

► Photos

► Video

► Submission Details

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## Submit Conversation

Visitors can submit a conversation using an organized web form.