

Federal GIS Conference

February 9–10, 2015 | Washington, DC



Great Story Maps and How to Emulate Them

Allen Carroll, Ken Buja & Alicia Clarke (NOAA), Earl Eutsler
(DC Urban Forestry Administration), Conor Phelan (Chesapeake Conservancy)

What We'll Discuss

- 1** Intro: About Story Maps
- 2** Demos and advice from experienced story map publishers
- 3** A few additional outstanding story maps (time permitting)
- 4** Discussion: We want to hear from you

What are Story Maps?

Your text,
photos,
video

Open
Source

- Story maps are simple web apps that combine intelligent web maps with multimedia content to tell geography-based stories.
- Story maps inform, educate, entertain, and inspire people about a wide variety of topics.

ArcGIS
Online

Story Maps are...



Sophisticated?



Multi-purpose?



PC Only?



Passive?



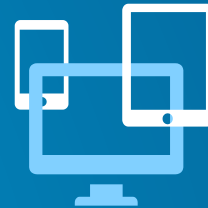
For Advanced
Users?



Simple



Single Purpose



Responsive



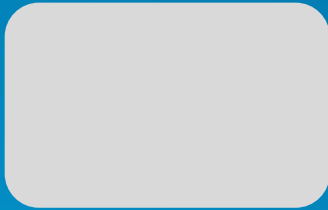
Engaging



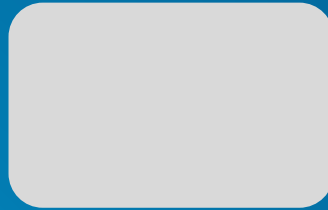
For Everyone

Apps that Enable Various Ways to Tell Stories with Maps

Sequential
Narrative



List of
Items



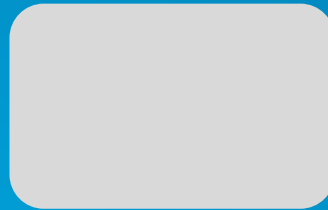
Comparing
Two Maps



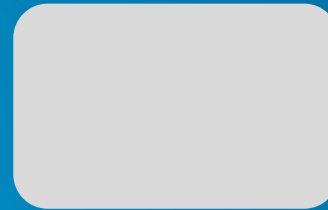
Comparing
Related Maps



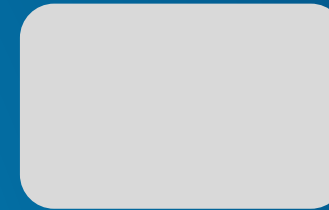
Journal-style
narrative



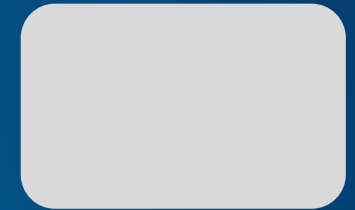
Ranked List
of Places



Comparing
Two Maps



Custom
projects



Displaying a
single map



Curated List
of POIs

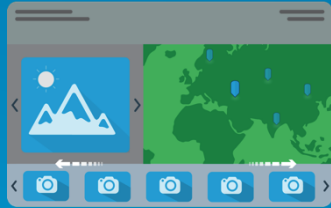


Comparing
Related Maps



Apps that Enable Various Ways to Tell Stories with Maps

Story Map Tour
Sequential Narrative



Story Map Playlist
List of Items



Story Map Swipe
Comparing Two Maps



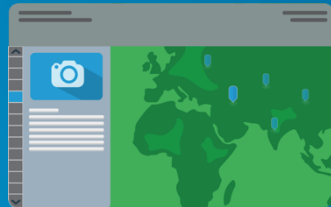
Story Map Side Accordion
Comparing Related Maps



Story Map Journal
Journal-style narrative



Story Map Countdown
Ranked List of Places



Story Map Spyglass
Comparing Two Maps



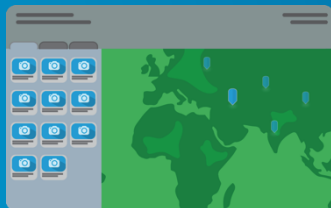
Custom story maps
Custom projects



Story Map Basic
Displaying a single map



Story Map Shortlist
Curated List of POIs



Story Map Tabbed
Comparing Related Maps



More to come!



**Story Maps are Rapidly
Increasing in Popularity.**



2 experienced story map publishers

- Ken Buja and Alicia Clarke, **NOAA**
- Earl Eutsler, **DC Urban Forestry Administration**
- Conor Phelan, **Chesapeake Conservancy**

3 Other Outstanding Story Maps

“Power users”

- **City of St. Albert, Canada**
- **Pennsylvania DNR**
- **Umbria Landscape**
- **Johnathan Bascom, Calvin College**


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St. Albert Capital Projects Map

Home Capital Projects Engineering Services [Return to ST. ALBERT MAPS](#)

 **2014 Capital Projects Map**

Learn about projects that will improve and enhance the City's roadways, utilities, buildings, parks and facilities.

[f](#) [t](#)

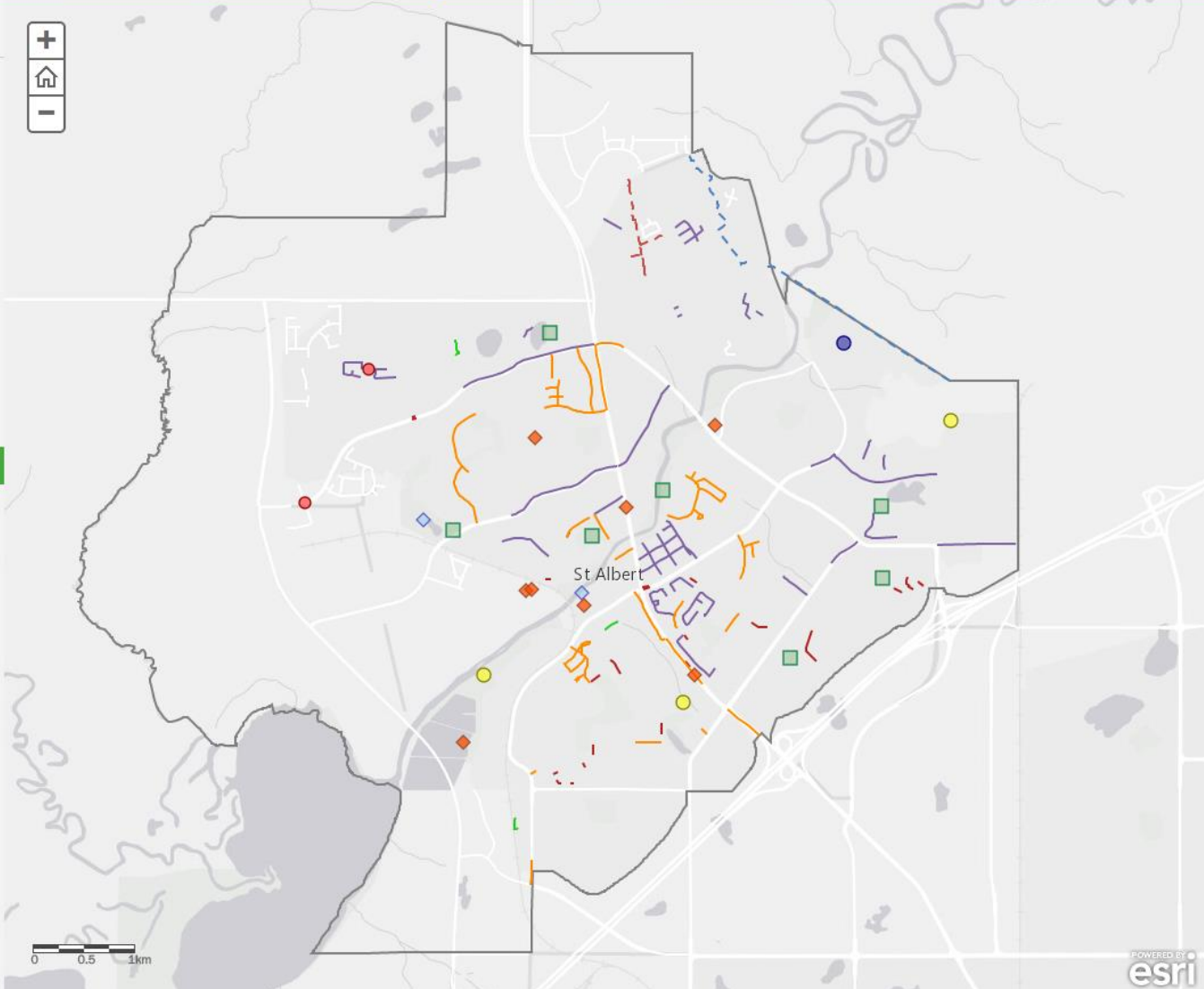
OVERVIEW

The City of St. Albert is gearing up for another busy year that will include many new projects as well as the completion of multi-phased projects started in previous years. This overview outlines the various construction projects that will be occurring throughout St. Albert over the coming months. We know that construction can impact residents and we thank you in advance for your patience and support.

Please visit the [Capital Projects website](#) to learn more about these projects. Projects and timelines are subject to change.


MAP LEGEND

New & Continuing Projects	◆
Environmental Projects	◇
Miscellaneous Projects	●
Kingswood Park Playground	●
Park Refurbishments	■
Traffic Controls	●
Asphalt Overlays	—
Erin Ridge Trails	- - -
Park Trail Overlays	—
Road Crack Sealing	—
Sidewalk Replacements	—
Water Supply Lines	- - -



Map navigation controls: +, Home, -

Scale: 0 0.5 1km

POWERED BY 

[Link to story map](#)

St. Albert Recreation Facilities











Carrie Tropasso

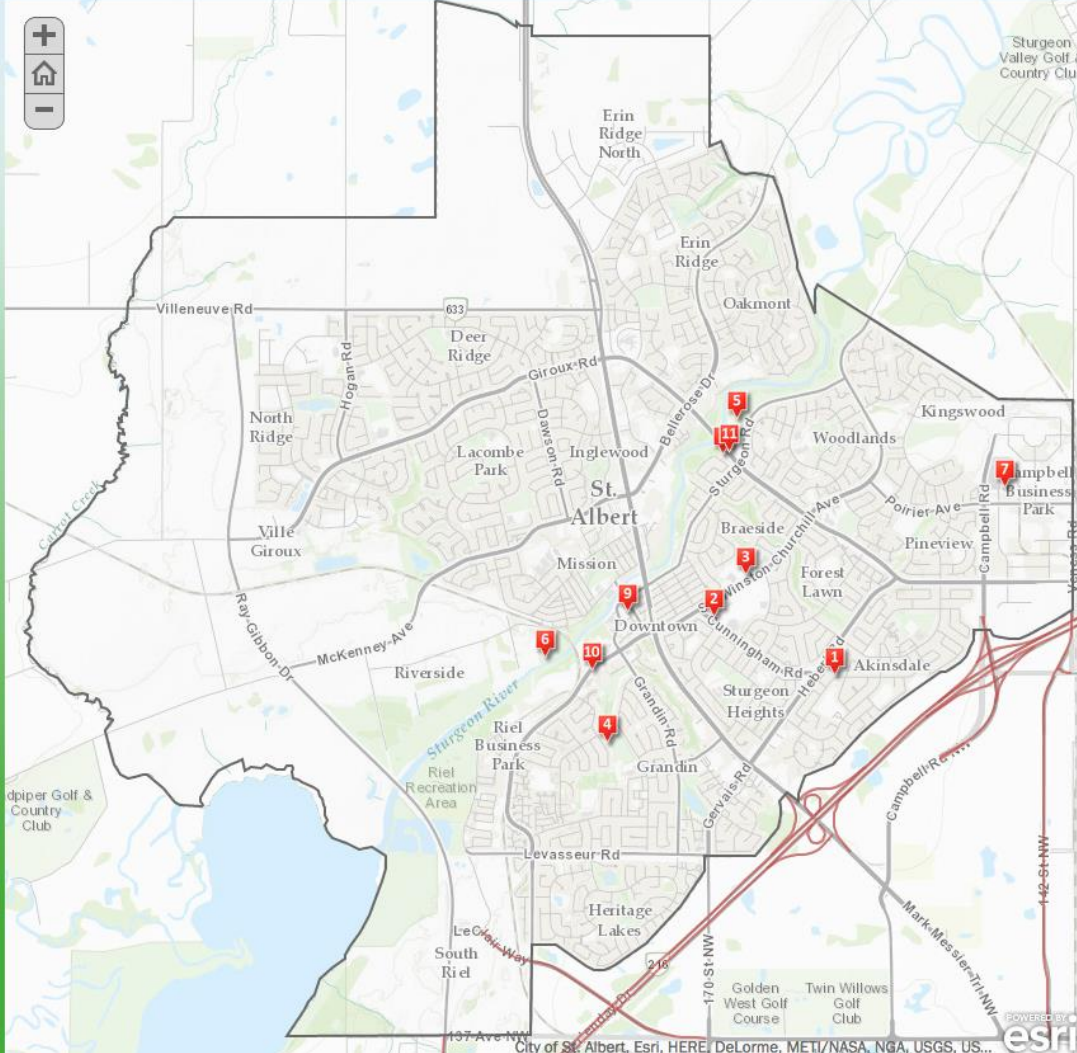
[Link to story map](#)

Home Contact Outdoor Sports Facilities [Return to ST. ALBERT MAPS](#)

City of St. Albert **Recreation Facilities**
St. Albert offers a wealth of venues for sports, fitness, and play. Learn what's available in the City and where to find it.

Major Facilities Arenas & Rinks Sports Fields Other Facilities City Neighbourhoods ▼

 1 Akinsdale and Kinex Arenas	 2 Fountain Park Recreation Centre	 3 Fowler Athletic Park
 4 Grosvenor Park Outdoor Pool	 5 Legion Memorial Ball Park	 6 Meadowview Ball Diamonds
 7 Servus Place	 8 Skateboard Park	 9 St. Albert Community Hall
 10 St. Albert Curling Club	 11 Woodlands Water Play Park	





City of St. Albert, Esri, HERE, DeLorme, METI/NASA, NGA, USGS, US... **esri**



Pennsylvania DNR: 20 must-see parks

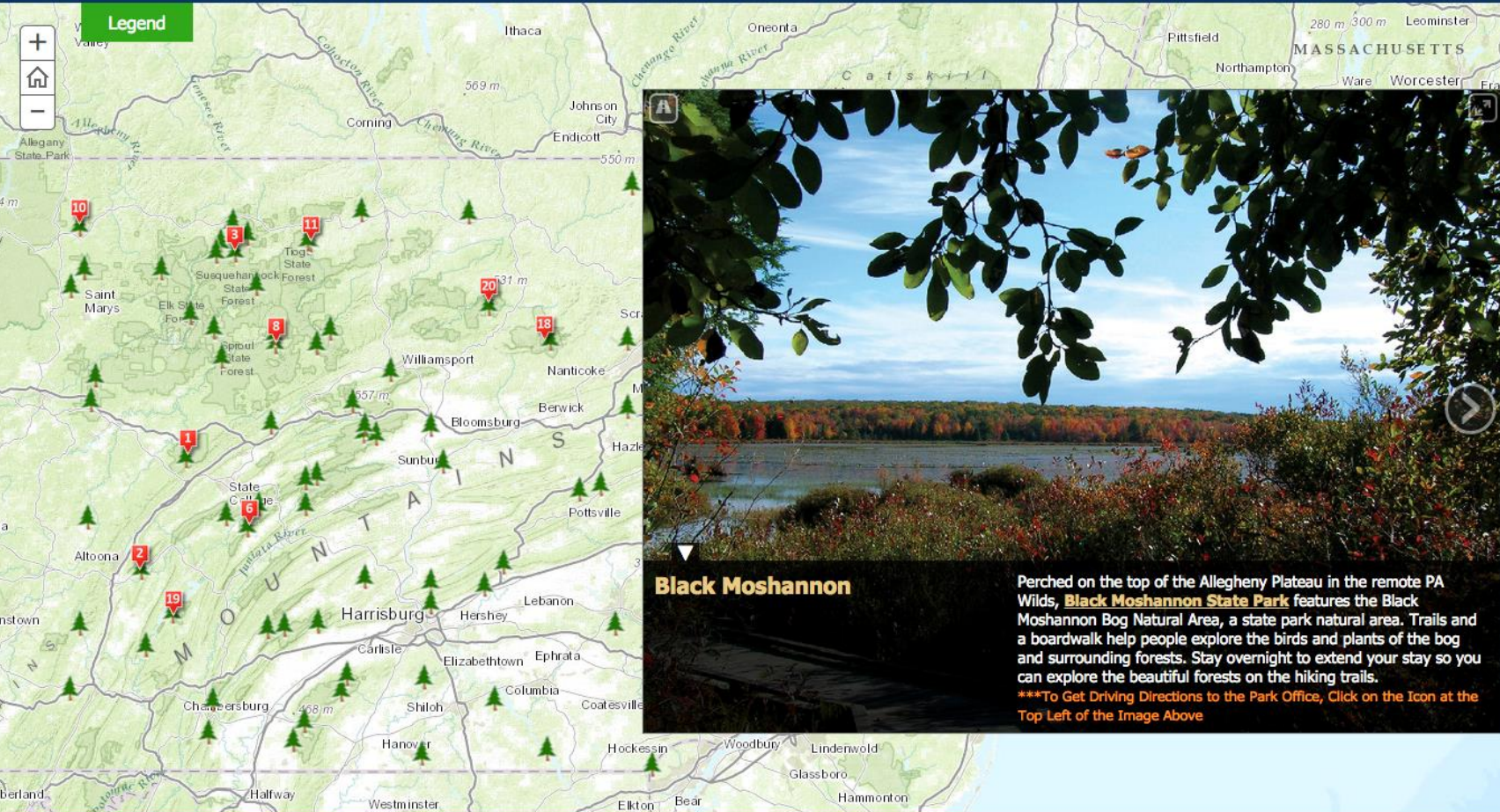
Carrie Tropasso

20 Must-see Pennsylvania State Parks

Pennsylvania actually has 120 must-see state parks, but the 20 listed here are some of the best examples of the Commonwealth's significant natural and historic resources.

Share Map:  


 



Legend

Black Moshannon

Perched on the top of the Allegheny Plateau in the remote PA Wilds, **Black Moshannon State Park** features the Black Moshannon Bog Natural Area, a state park natural area. Trails and a boardwalk help people explore the birds and plants of the bog and surrounding forests. Stay overnight to extend your stay so you can explore the beautiful forests on the hiking trails.
***To Get Driving Directions to the Park Office, Click on the Icon at the Top Left of the Image Above



1 Black Moshannon
2 Canoe Creek
3 Cherry Springs
4 Cook Forest
5 Delaware Canal
6 Greenwood Furnace
7 Hickory Run
8 Hyner View

[Link to story map](#)

Pennsylvania DNR: Growing Greener & Keystone Grants

Carrie Tropasso

[Link to story map](#)

PA DCNR Growing Greener and Keystone Grants



DCNR provides grant funding for local conservation and recreation projects with funding from a variety of sources. This map shows some of the many project examples of the two most significant sources: Growing Greener and Keystone.








Share Map:  

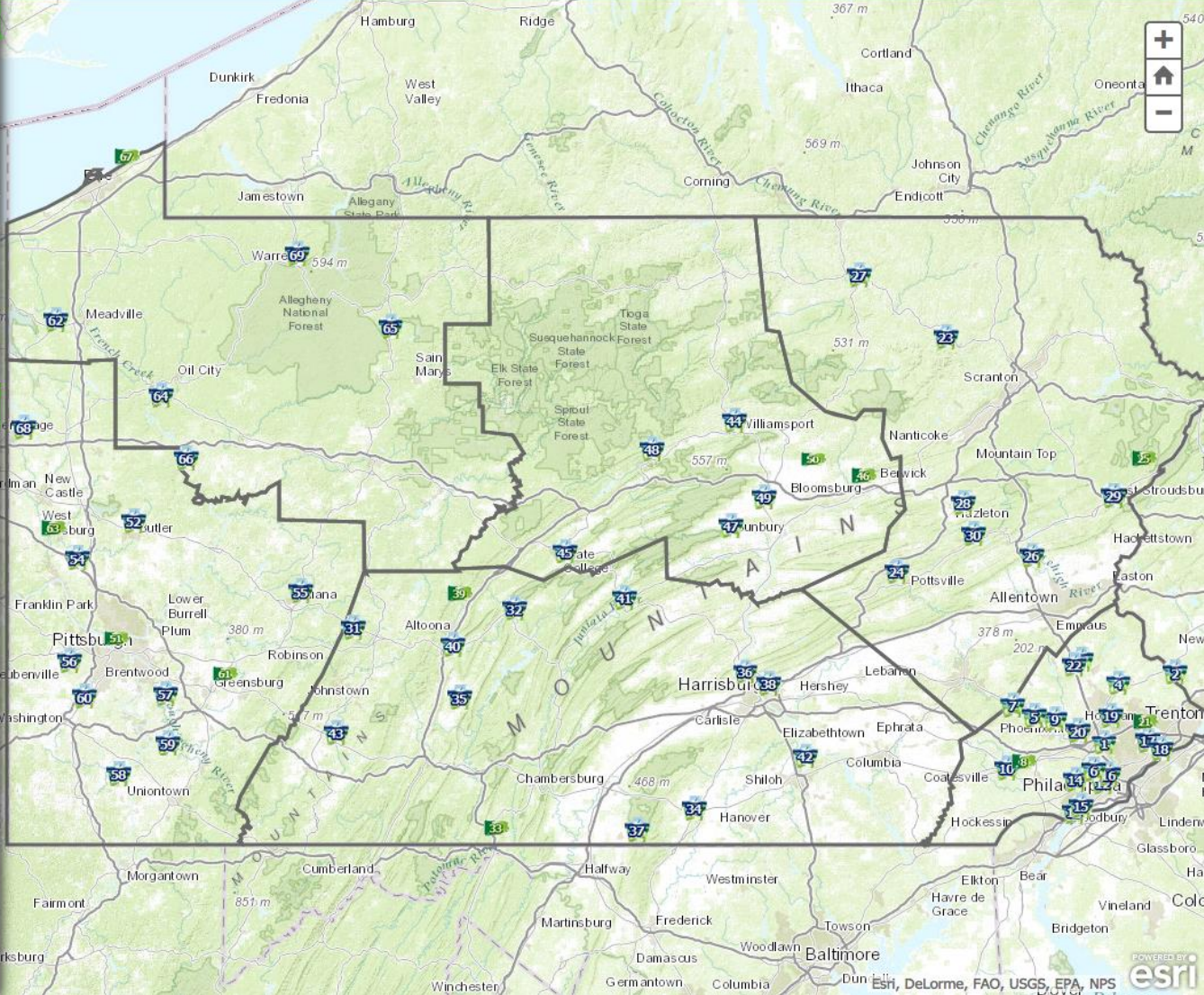



The Pennsylvania DCNR Bureau of Recreation and Conservation (BRC) builds connections between the citizens and the outdoors through recreation enhancement, natural resources conservation and community revitalization efforts. BRC partners with communities and organizations across Pennsylvania to provide technical assistance and financial support for these efforts.

How to Use This Story Map:
Click on a grant project below or via the map to the right to access

Type to search...  

-  **Reiff Tract Acquisition**
-  **London Grove Township...**
-  **Baker Property Acquisition**
-  **Paradise Farms Easment**
-  **Black Rock Sanctuary**
-  **Broad Run Park**
-  **Darby Creek**



POWERED BY 

Esh, DeLorme, FAO, USGS, EPA, NPS

Umbria Landscape


Lucia Pannuti

A story with maps

Contract landscape
for mountain areas of Foligno, Trevi and Sellano

Map of Community of Comunanza Agraria
of Gates

Mappa di Comunità di Cancelli



Thanks to a work of synthesis, the various indications provided by the community, here called **actions** have been recognized in **the categories** in order of their subsequent systematization.
(*click on the action to read it in the map*)

ACTIVITIES 'ECONOMIC

- [Flock of Art](#)
- [Enhancement of woodland products](#)
- [Diffuse hotel](#)

LANDSCAPE AND NATURAL HERITAGE

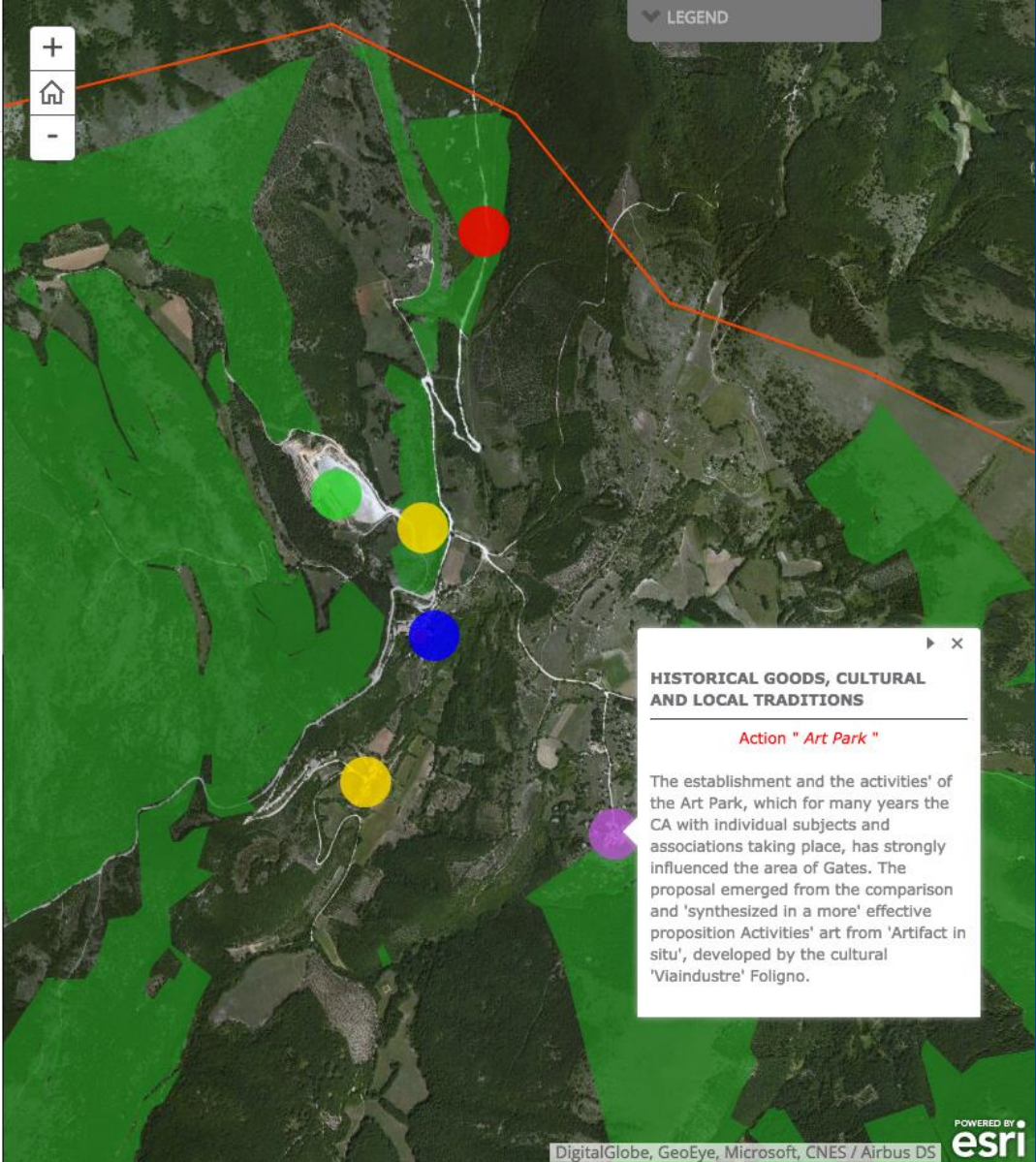
- [Quarry Gates](#)

HISTORICAL GOODS, CULTURAL AND LOCAL TRADITIONS

- [Art Park](#)
- [Archaeological heritage](#)

ROADS AND PATHS

- [Promotion of excursions](#)
- [Connection from Gates to Scopoli](#)



HISTORICAL GOODS, CULTURAL AND LOCAL TRADITIONS

Action " Art Park "

The establishment and the activities' of the Art Park, which for many years the CA with individual subjects and associations taking place, has strongly influenced the area of Gates. The proposal emerged from the comparison and 'synthesized in a more' effective proposition Activities' art from 'Artifact in situ', developed by the cultural 'Vlaindustrie' Foligno.

esri

[Link to story map](https://www.youtube.com/watch?v=ba8pHti6lgs)


Umbria Landscape

Lucia Pannuti


[Link to story map](#)

Repertory of Landscapes

Viewer Geographic



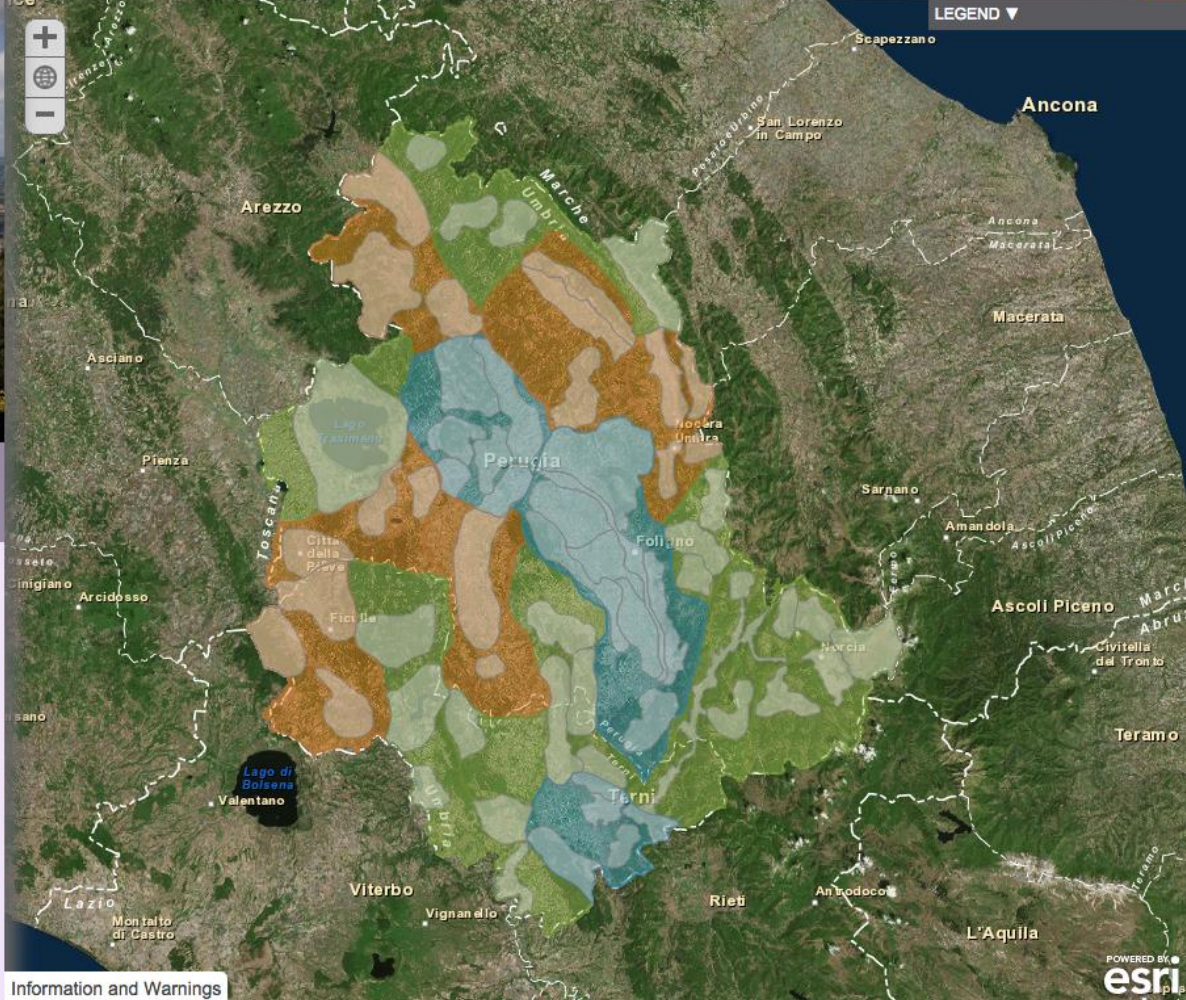
Introduction Bocca Seriola Tifernate Trasimeno Perugino Monte Cucco Galdese Nocerino



The Plains of Gubbio

Landscapes Regional and identity structures

The **regional landscapes** or recognition of landscape contexts are identified as a result of its landscape conducted by the Landscape Plan. They represent that the result of a process of interpretation based on analysis of the **resources** in the area (divided into physical and natural resources, historical and cultural social-symbolic), the **relationship** between identity resources (morphologies, structures agro-forestry and settlement, ecological relationships, systems stays) and the identification of **symbolic values** related to the processes of collective identification. The attribution of the **dominant** in each of the 19 landscapes regional identified, is in turn the result of a further process of interpretation of qualitative nature, that recognizes the identity prevailing for each context. Each resource dominant does not exclude the presence of other identity resources. Within the regional landscapes outlines the **identity structures** such as joints that contain the elements and contexts, visibly perceptible, the most representative for the specific identities of their respective landscapes contributing significantly to the sense of



LEGEND

Information and Warnings

POWERED BY esri

Contemporary Geography of Ethiopia

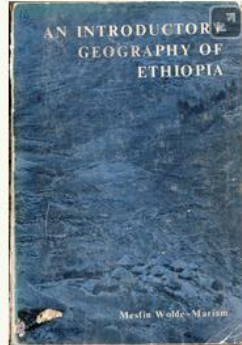
Johnathan Bascom

A Contemporary Geography of Ethiopia

Preface

An Introductory Geography of Ethiopia

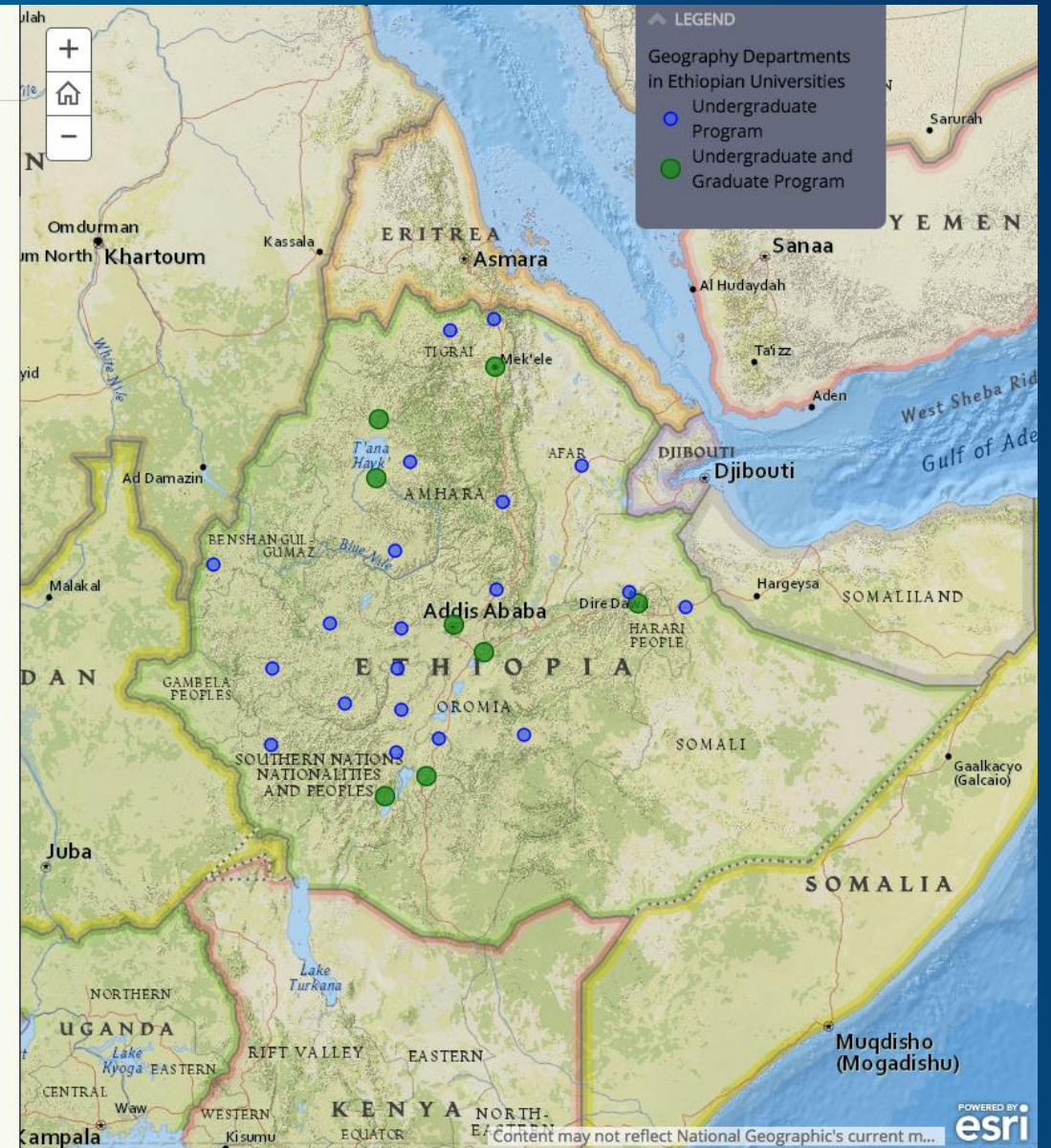
A new geography of Ethiopia is long overdue. Mesfin Wolde-Mariam's excellent, but outdated text – *An Introductory Geography of Ethiopia* (1972) – is still minus a successor.⁽¹⁾



What are the main ways that Ethiopia's geography has changed in the last 40 years?

Since Mesfin wrote his introductory geography in the early 1970s, Ethiopia has experienced dramatic changes in its population size, agricultural production systems, pace of urban expansion, pressure on natural resources, economic growth and its place in the global economy as well as two major changes in governmental authority. Ethiopia was the “top mover” on the UN's Human Development Index between 2005 and 2010⁽²⁾ and the country's economy is averaging double-digit annual growth in GDP (a ten-year average above 11% for 2004–2013).⁽³⁾

The entire terrain of university education has also dramatically changed. Beginning in 1999, eight pre-existing colleges were chartered into universities, and the, in 2003, the Higher Education Proclamation prompted unprecedented growth. More than twenty new universities have been added to the system since 2005. Undergraduate geography degrees are offered in all but three of the thirty-three universities that now comprise the national system. That geography departments now exist in thirty Ethiopian universities places Ethiopia first among all sub-Saharan countries, ahead of South Africa (17), Nigeria (10), Uganda (10), Sudan (8), Cameroon (8) and Tanzania (6).⁽⁴⁾ Graduate programs in geography are



[Link to story map](#)

Questions and Discussion



Understanding our world.