#### 2017 CaGIS Map Design Competition

Judges: Tom Patterson, Tanya Allison, Jacqueline Nolan, Dan McDermott, Dan Cole

#### **Student**

#### Arthur Robinson Print Map Award

#### Winner

Europe on Fire: Viking Raids of the 9<sup>th</sup> Century (802-891 CE)

Emily Pettit, University of Wisconsin-Madison

#### **Honorable Mentions**

This Land is Our Land: The Reduction of Your Public Lands
Anna Ormiston, University of Wisconsin-Madison

December 7, 1941, a Date Which Will Live In Infamy Carol Burbage, Montgomery College

Major Watersheds of Africa

David Huwe, University of Wisconsin-Madison

Proximity of NHL Teams to AHL Affiliates

Jon Freel, Montgomery College

Land-Use Attributes within 1000m of NO<sub>2</sub> Monitoring Sites: Ile-de-France, France
Karl Chastko, University of Toronto

Internet Access in 2017

Nattapon Jaroenchai, University of Illinois at Urbana-Champaign

Mass Extinction: The Rapid Decline of Species Worldwide Rebecca Schmidt, University of Wisconsin-Madison

Transportation in New York City, Private vs. Public Nick Exley, University of Wisconsin-Madison

From Preps to Pros: UW Football Players' Career Paths
Nick Exley, University of Wisconsin-Madison

Between Bushes and Bathrooms: Sanitation in Archaic Greek Households
Yusi Liu, University of Wisconsin-Madison

World Statistical Mapping featuring Multiple Sclerosis Data Jillian Ejdrygiewicz, Center of Geographic Sciences, NSCC

#### David Woodward Digital Map Award

#### Winner

Concrete Jungle: Urban Expansion and the Rise of the Megacity,

A Digital Web Mapping Application

https://mcmaster.maps.arcgis.com/apps/MapJournal/index.html?appid=850a80117ad546f39959a a21d1fcca95

Spencer Elford, McMaster University and University of Toronto – Mississauga

#### **Honorable Mentions**

A Short History of Multiple Sclerosis

https://bit.ly/2EZXVgi

Jillian Ejdrygiewicz, Center of Geographic Sciences, NSCC

Human Trafficking at Home

https://rossthorn.github.io/human-trafficking-viz/

Ross Thorn, University of Wisconsin- Madison

Road to Russia 2018 World Cup

Nurlan Khamzin, University of Illinois at Urbana-Champaign

https://khamzin91.wixsite.com/2018fifarussia and

https://khamzin91.wixsite.com/2018fifarussia/map

A Journey Through Mary Shelley's *Frankenstein*, Part One Johnny Eaton, Center of Geographic Sciences, NSCC

#### **Professional**

Recreation and Travel

#### Winner

Continental Divide Trail

Rachael Carpenter and Christopher Knoll, National Geographic Maps

#### **Honorable Mentions**

A Paddler's Guide to the Schuylkill River Water Trail
Brian Swisher, The Swisher Studio
Ouachita Trail, Central
Kristian R. Underwood, Underwood Geographics

## Athens Ohio Bicycle Maps John Lefelhocz, Cycle Path Bicycles of Athens, Ohio

Reference

Winner

None

#### **Honorable Mentions**

**Shifting Sands** 

Damien Saunder, Daisy Chung, Irene Berman-Vaporis, Ed Merritt National Geographic Magazine

Managing the Moors

Lauren E. James, National Geographic Magazine

Protecting Baja Seas

Matthew W. Chwastyk, National Geographic Magazine

The Night Sky

Heather Smith, ESRI

Vice President's World Map

Nicholas P. Rosenbach, National Geospatial-Intelligence Agency

**Thematic** 

Winner (tie)

## Coming Home to Indigenous Place Names in Canada Margaret Wickens Pearce, Canadian-American Center, University of Maine

The Melting of Antarctica

Lauren C. Tierney, Jason Treat, Stephen Tyson, National Geographic Magazine

#### **Honorable Mentions**

Lifeline to a Desert Delta

Lauren E. James, Matthew W. Chwastyk, Ryan Williams, National Geographic Magazine

Lights On Lights Out
John Nelson, ESRI

#### Book/Atlas

#### Winner (tie)

Visual Atlas of the World, 2<sup>nd</sup> ed.

Debbie Gibbons et al, National Geographic

Atlas of Beer: A Globe-Trotting Journey Through the World of Beer
Mike McNey, Scott A. Zillmer, National Geographic

#### **Honorable Mentions**

Ecological Atlas of the Bering, Chukchi, and Beaufort Seas

Daniel P. Huffman et al, somethingaboutmaps; Audubon Alaska, Oceana

Climatological Atlas of Tropical Cyclones over the Western North Pacific (1981-2010)

Xiaotu Lei et al, Shanghai Typhoon Institute, China Meteorological Administration Institute of Cartography, East China Normal University

#### Other

#### **Winner (posthumous)**

A New Companion to Mercator Waldo Tobler, UC Santa Barbara

#### **Honorable Mention**

Noteworthy Islands of the Great Lakes System

Daniel P. Huffman, somethingaboutmaps

Interactive/Digital

#### Winner

Justice Deferred

Allen Carroll et al, ESRI Story Maps Team

https://storymaps.esri.com/stories/2017/japanese-internment/

#### **Honorable Mentions**

Enclaves & Exclaves: A Tour of the World's Geographically Engulfed and Orphaned Places

John Nelson, Allen Carroll, ESRI Story Maps Team

https://storymaps.esri.com/stories/2017/enclaves-exclaves/index.html

On the Front Lines of Famine

Allen Carroll et al, ESRI Story Maps Team

https://storymaps.esri.com/stories/2017/hunger-crisis/

#### **Best of Show**

Visual Atlas of the World, 2<sup>nd</sup> ed.

Debbie Gibbons et al, National Geographic



#### **Best of Show**

## 45th Annual CaGIS Map Design Competition

## Visual Atlas of the World, 2<sup>nd</sup> ed.

Debbie Gibbons, Michael Tribble, Jerome Cookson, Theodore Sickley, Irene Berman-Vaporis, Matthew Chwastyk, Mike McNey, Charles Preppernau, Damien Saunder, Lauren Tierney, Rosemary Wardley, Ryan Williams, Greg Ugiansky, Scott Zillmer

**National Geographic** 



David Woodward
Digital Map Award
Winner

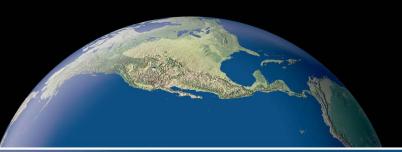
### 45th Annual CaGIS Map Design Competition

Concrete Jungle: Urban Expansion and the Rise of the Megacity,

A Digital Web Mapping Application

Spencer Elford
University of Toronto - Mississauga

https://mcmaster.maps.arcgis.com/apps/MapJournal/index.html?appid=850a80117ad546f39959aa21d1fcca95



David Woodward Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

Contract On Contra

## A Short History of Multiple Sclerosis

Jillian Ejdrygiewicz
Center of Geographic Sciences, NSCC

https://cogsnscc.maps.arcgis.com/apps/MapJournal/index.html?appid=455d2f3d6e78458791ac56bc28a9a556



David Woodward Award
Honorable Mention

## 45th Annual CaGIS Map Design Competition

Company Portland O Company Portl

#### Human Trafficking at Home

Alicia Iverson, Leanne Abraham, Ross Thorn
University of Wisconsin - Madison





David Woodward Award
Honorable Mention

## 45th Annual CaGIS Map Design Competition

Com Portage Company Contract Contrac

#### Road to Russia: 2018 World Cup

**Nurlan Khamzin** 

University of Illinois at Urbana-Champaign

https://khamzin91.wixsite.com/2018fifarussia and

https://khamzin91.wixsite.com/2018fifarussia/map



David Woodward Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

Portano Portano Dana

## A Journey Through Mary Shelley's Frankenstein, Part One

**Johnny Eaton** 

Center of Geographic Sciences, NSCC





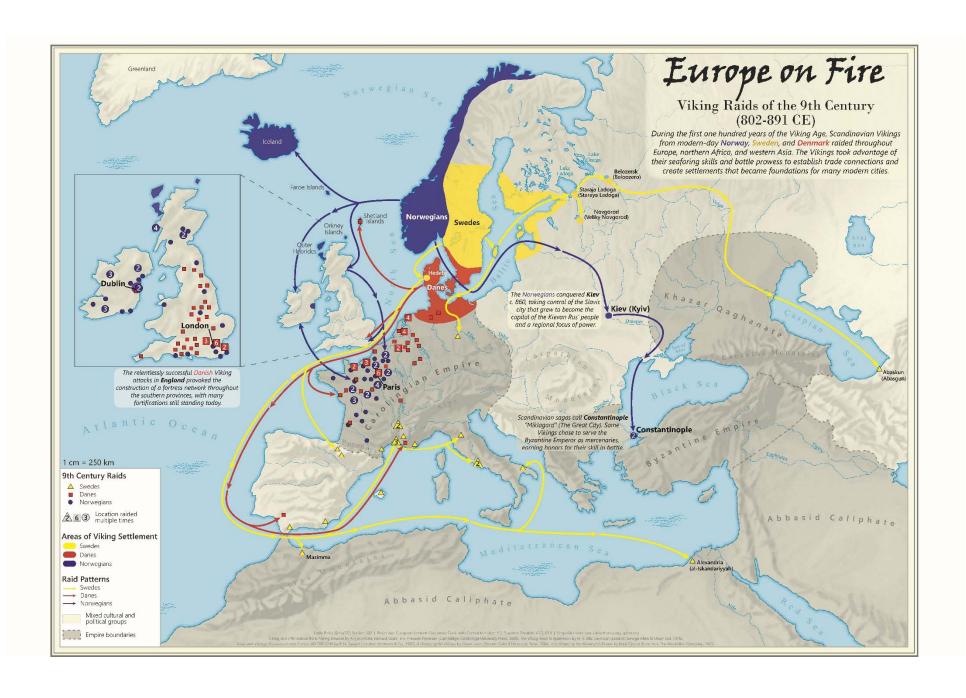


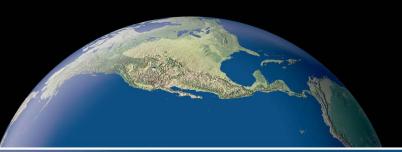
Arthur Robinson Award Best Print Map

### 45th Annual CaGIS Map Design Competition

## Europe on Fire: Viking Raids of the 9<sup>th</sup> Century (802-891 CE)

**Emily Pettit** 



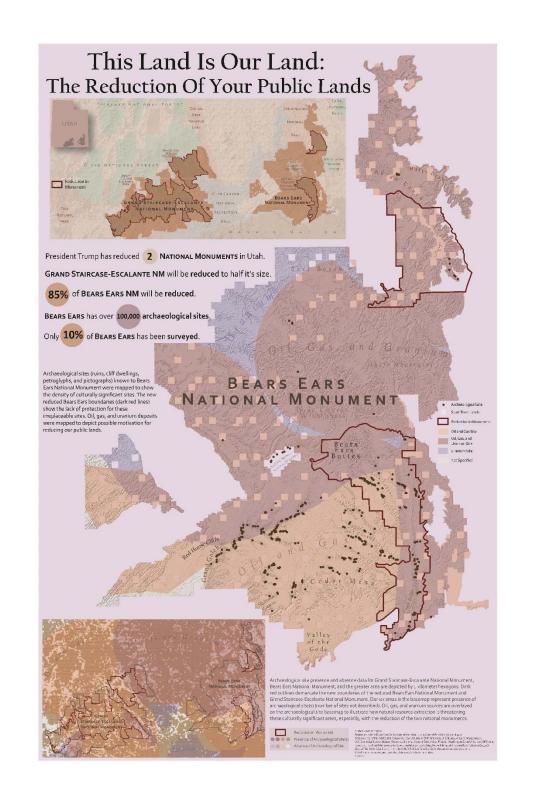


Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

# This Land is Our Land: The Reduction of Your Public Lands

**Anna Ormiston** 





Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

Som Some Portage Ording Ordina Ordina

## December 7, 1941, A Date Which Will Live In Infamy

**Carol Burbage** 

Montgomery College

Photo of the hombing takon from a Japanese aircraft. The large splash is from an explosion caused by a torpodo that bit the West Figuria.

Rubinsus Indice, December 7, 1996, Photo countries of the US Navy.

#### An Eyewitness Account

Ensign Charles Whike Burbago was an Ensign on board the light cruiser USS Detroit on a beautiful Hawaiian Sunday morning. He was looking forward to being relieved of his duty as Officer of the Deck (OOD) at 8:00 a.m. and was anxious to go ashore. He had graduated from the US Naval Academy ten months earlier, in February. The Academy was accelerating graduation dates because Congress anticipated the U.S. would be entering the war before long.

At 7:55 am. the Japanese started their first bombing run. Ensign Burbage sounded the general alarm and then was relieved of his duty as OOD when the ship's navigator arrived on the bridge. Ensign Burbage was then able to go to his battle station, manning the four three inch, fifty callber anti-incraft grun, which he and his crew began first.

"I headed for the Captain's cobin to get the keys to the ships ammunition magazines. Just as I went by the superstructure where I could see the port side of the ship. I was looking right at a torpado plane which released his torpado just as I saw him. He then began strafing us, the builtest making incredible noise as they righed into the superstructure I also above our heads."

The Detroit was moored on the west side of Ford Island. The three ships at adjacent moorages (Tangler, Utah, and Radiejh) were damaged or destroyed but the Detroit, luckily, was unscathed. The ship left the harbor when the second wave ended, about 9:10 a.m., and cruised north for three days searching for the Japanese carriers without sighting them. Upon returning to Pearl Harbor on December 10th,

"... we again entered Pearl Harbor to the most disheartening sight I have ever seen. Eighteen ships were sunk or copsized. Alrraft on the parking aprais were burned. The hangars were destroyed. Many other ships were in various stages of damags. The surface of the harbor was covered with black oil, debris, and floating badles."

On December 7, 1941, Ensign Burbage was 23 years old. He survived the war, retired from the Navy as a Captain after 36 years of service, was happily married for 61 years, and had six children, of which I am proudly one.

## **December 7, 1941**

"- a date which will live in infamy -"

Pearl Harbor: Aftermath

First Wave (0740)

Second Wave (0840)

Spin Read to Spin



An except from the USS Densit's ship's log from Documber 7, 1941. Written by the Officer of the Deck when the attack began, Ensign Charles L. Burbane.

4 to 5 nowed as before.

"The Market Energy, U.S. Herry.

5 to 15

15 to 15

16 to 17

16 to 18

WARI

Pearl Harbor Attacked

Marines Killed: 109

Army Killed: 218

Walpio

Peninsula



Casualties

Ship Damaged

Navy Killed: 2 008

C Undamaged



Sallors at the Naval Air Station in Kameolie, Hawaii, attempt to salvage a burning PBY Catalina damaged in the Japanese attack on Pearl Harbon.



Photo of the t-SS tairons taken by a Japanese pilot immediately following the explosion where her forward magnetine is lat by a bomb. Photo courtery of Business traifer, Demarker 7, 2016.



The USS Arisons is hit by fluor nemore pierring bombs, one of which strack the forward transgame omissing relevanting exploring. The is study at her movering within 15 minutes from the user of the start of the start of the move over him of the heavy or nondiates that day. The full of the ship was now predicted which was ever him of the Naxy or nondiates that day. The full of the ship was now recovered and still slice in the bottom of the hadron with 1, 102 members of her covar covered and still slice in the bottom of the hadron with 1, 102 members of her covar covered and still slice in the bottom of the hadron with 1, 102 members of her covar covered and the still slice in the bottom of the hadron with 1, 102 members of her covar covered and the still slice in the slice is slice in the slice in the slice in the slice is slice in the slice in the slice in the slice in the slice is slice in the slice in

r arezaru. nto courtesy of www.history.com.



The Battleship USS Iritions Memorial lies across her bow and welcomes an average of 4,000 victors per day from all over the world. The Memorial, built in 1962, is managed by the National Park Service, It is known as a 'secret place,'

Photo convey of vece perthal resonance;

#### Timeline: December 7th

0715 hours - Admiral Husband E. Kimmel, commander of the US Pacific Fleet, advised of the Japanese mini sub-but does not act. Kimmel decides to wait for verification, one of several fatal mistakes made that morning.

> 0733 hours - Washington intercepts a coded message from Japan and learns Japanese negotiators are advised to cease diplomatic talks. Gener Sensor Japanese negotiators are advised to cease diplomatic talks. Gener description of the description of the sensor of the sensor of the sensor attempts. To warm the forces in Hawaii; the message arrives too late.

0720 hours - Fort Shafter responds to Opana's radar report. Believing it to be US 3-17s school

to arrive that morning, the lieutenant who calls

rs this a sign of war and ge arrives too labe.

O755 hours - Japanese fighters sighted by Cdr. Logan Ramsey or Ford Island. He cent telegraph, "AIR RAID ON PEARL HARBOR X THIS IS NOTA DRILL!" First bombs strike Wisselsend Hislans is Fooder

DRILL" First bombs strike flokern Air Reids.

0840 hours - Second wave of Japanese planes laund

0810 hours - USS Arizona first battleship to be bombed. Hit by an armor-

piercing bomb, her forward magazine explodes and 1.177 crewmen are

December 8th

1230 hours - President Rosevelt addresses Congress and cellulers the "Date of informy" aspects.

1330 hours - Congress votes to approve an order to be decide wer.

0702 hours. Incoming Japanese Egittors are observed by the Army's Opana Mobile Radar Station. Call made to Fort Shafter warning of an unusual reading on the radar. Operator cold to wait for a commanding officer to call back.

casualty of the day.

USS Condur makes the initial observation and a

message 's sent to the destroyer USS Ward.

0740 hours - First wave of Jacanese planes launches. Primary targets: battleships and aircraft carriers.

0840 hours - Second wave of Japanese planes launches.
Primary targets: for disland and Wheeler Field.

1610 hours - President Roosevelt signs a declaration of war against the Empire of Japan, bringing the United States into World War II.

Whoto countoy of Idegraph Media Group Limited 2017.

Surbage GEOG 240 December 12, 2017

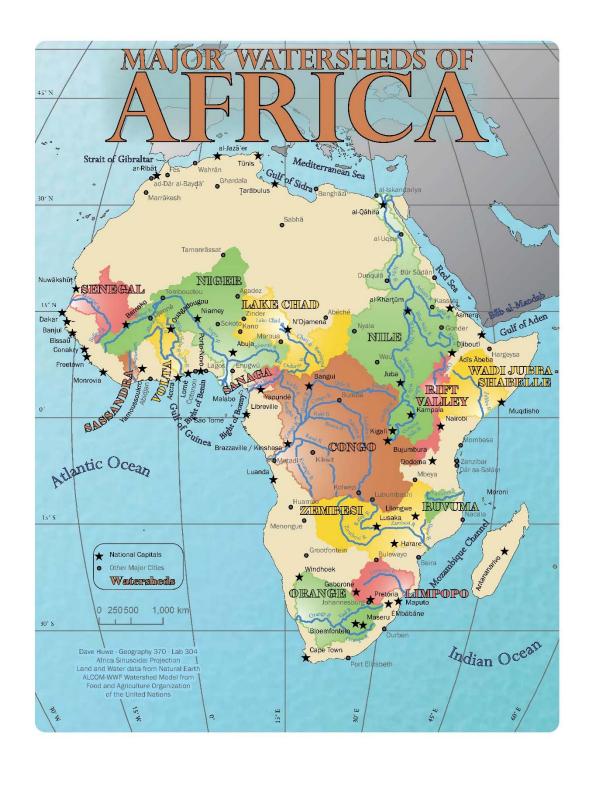


Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

### Major Watersheds of Africa

**David Huwe** 





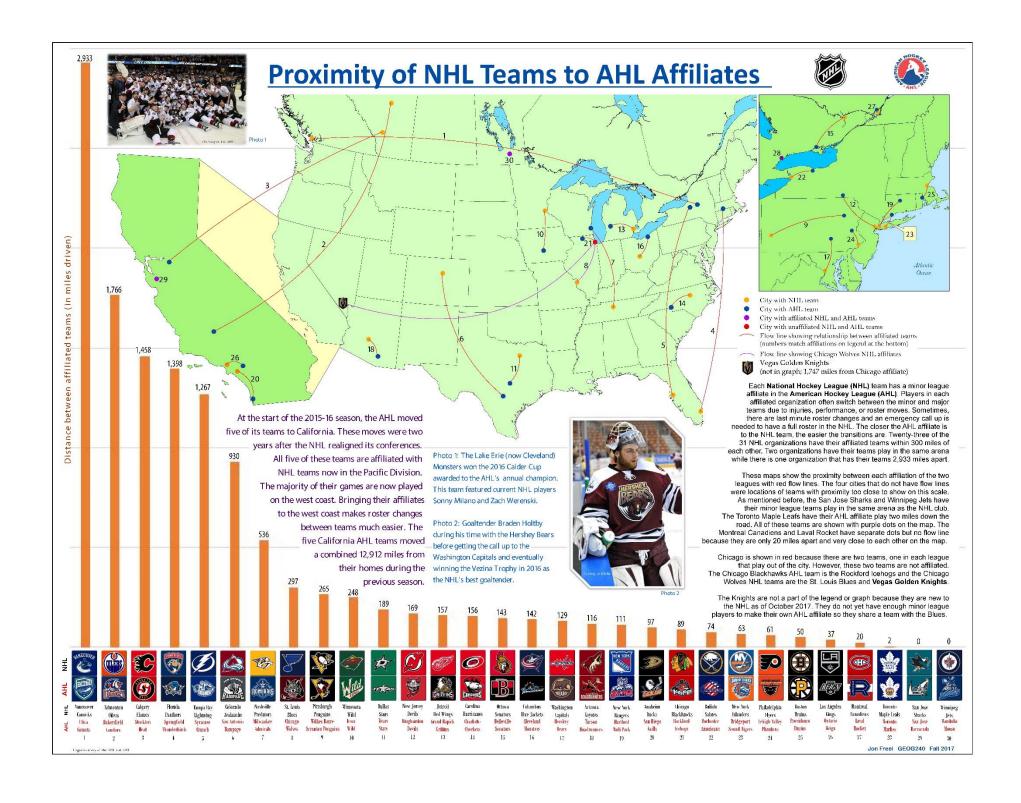
Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

## Proximity of NHL Teams to AHL Affiliates

Jon Freel

Montgomery College





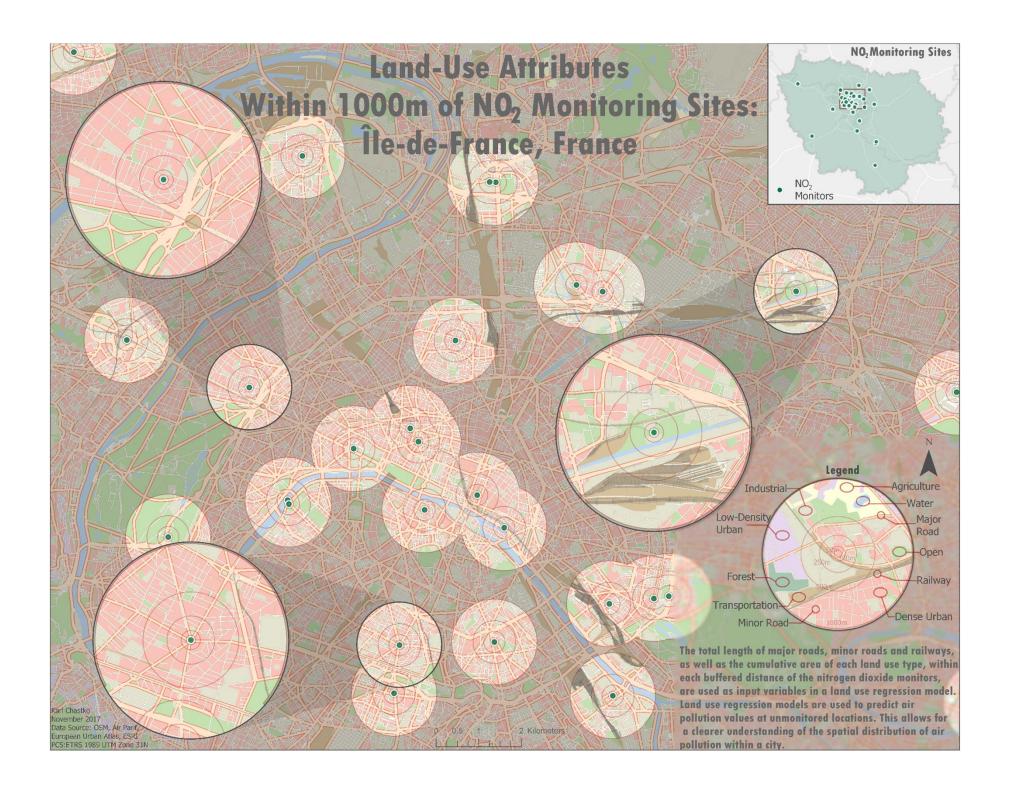
Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

# Land-Use Attributes within 1000m of NO<sub>2</sub> Monitoring Sites: Ile-de-France, France

**Karl Chastko** 

**University of Toronto** 





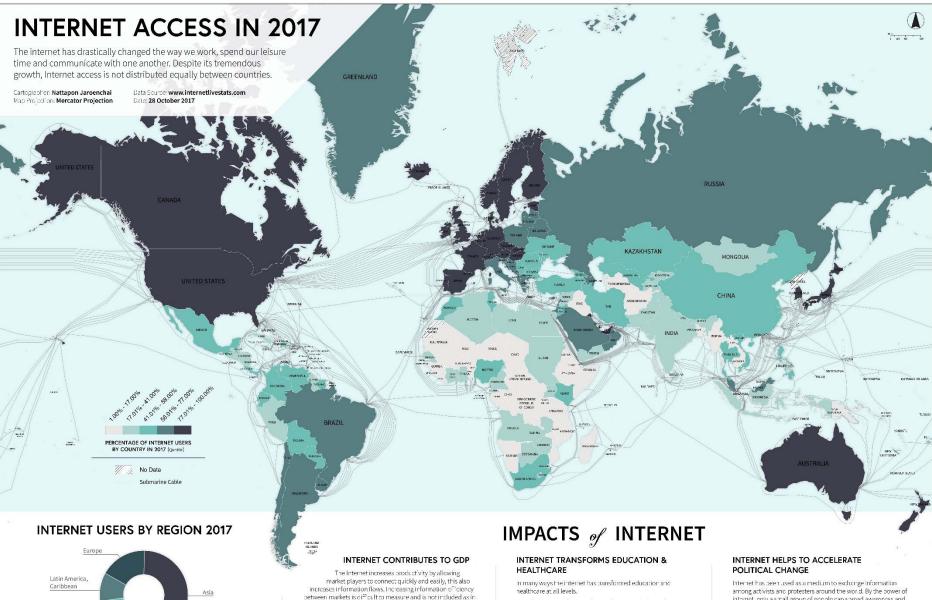
Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

ammin Portland O / 2

#### Internet Access in 2017

Nattapon Jaroenchai
University of Illinois at Urbana-Champaign



the Internet's contribution to GDP although it is an important

Africa

North America

Middle East

Oceania / Australia

Internet User is an individual who can access the Internet, via computer or mobile device, within the home where the incividual lives.

(Source: www.internetworldstats.com)

In all developed countries today, computers are an integral part of education at all levels and even very young children are using computers. It is estimated today that the internet contributes to GDP more than traditional sectors like agriculture, utilities, mining and education!

SOURCE: Tinternet Vation The Note severpine Impaction accepts jobs, and prospering be Mactines. Eclas é qui Russes, James Mingles, Physikany , letture Bughin, Withort Clau, 35 m Said

For education, students and researchers gain ability to share their knowledge and acquire more knowledge at the same time. The knowledge which used to be taught only in universities or schools, it can now access by million of people from anywhere in

For healthcare, people can receive advice and access online diagnostic from doctor via internet. Powerful and inexpensive apps for "I ness diagnostic are being developed due to the availability

SOURCE: Those the Internetis Devolution angla discussion in by Courting Boyd Hyeis, I have echnology is introducing Health Care's Belancia to oil, "How deal economic by Changed Education?", by

internet, only a small group of people can spread awareness and bring down the ruling party. Many countries such as China, Thailand and Iran, have to cut off access to news and social media sites during the time of political unrest.

Citizens of countries where the Internet is not free or partially free risk arrest for many types of online expression as their governments fear and oppose the open nature of the Internet.

SOURCE "How Social Medic Acceledated for sizes levelution, An inside week, sy Colin Delany



Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

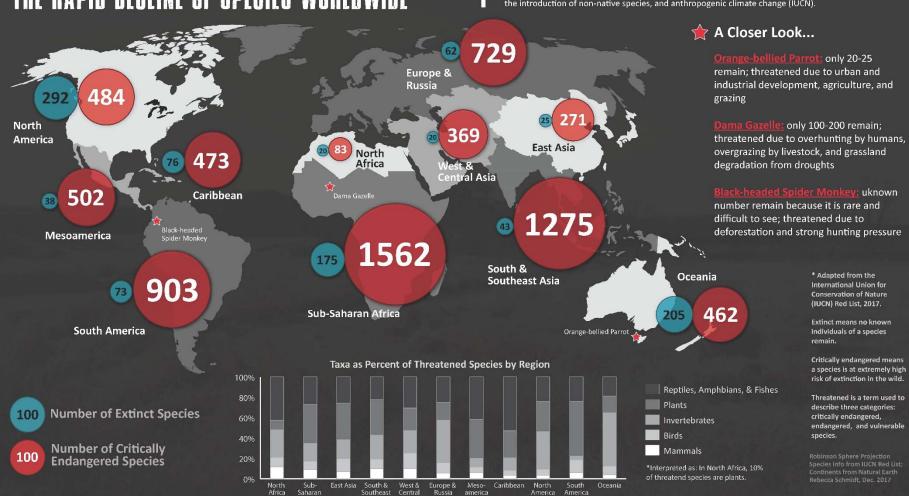
# Mass Extinction: The Rapid Decline of Species Worldwide

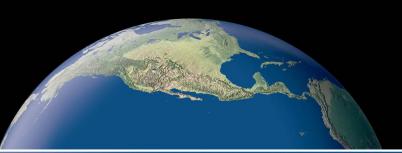
Rebecca Schmidt

## MASS EXTINCTION:

THE RAPID DECLINE OF SPECIES WORLDWIDE

Earth is currently experiencing its **Sixth mass extinction** of plants and animals. While extinction is a natural phenomenon, it occurs at a natural "background" rate of approximately 1 to 5 species per year. However, species are now being lost at 1,000 to 10,000 times the background rate. As many as **30% to 50%** of **all species** could be **extinct by 2050**. Unlike past mass extinctions caused by events like asteroid strikes, volcanic eruptions, and natural climate shifts, the current crisis is almost entirely **caused by humans**. In fact, 99% of currently threatened species are at risk from human activities, primarily those driving habitat loss, degradation, and fragmentation, the introduction of non-native species, and anthropogenic climate change (IUCN).





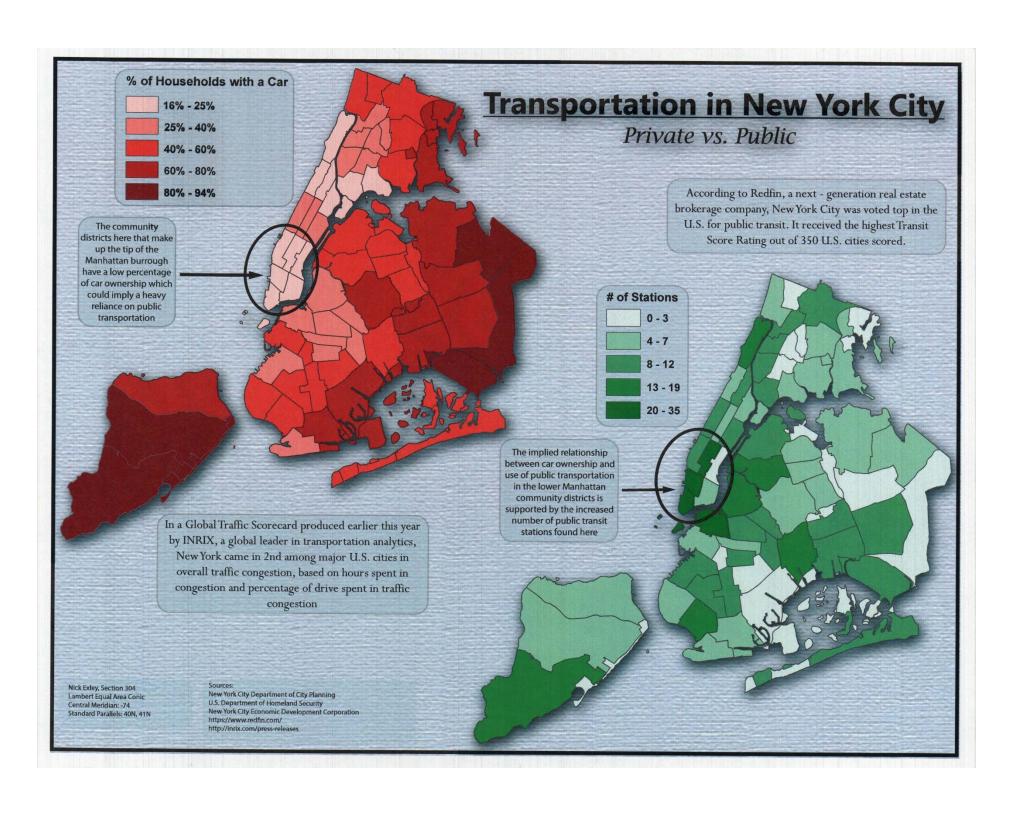
Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

Annual Portage Continue Contin

# Transportation in New York City, Private vs. Public

**Nick Exley** 





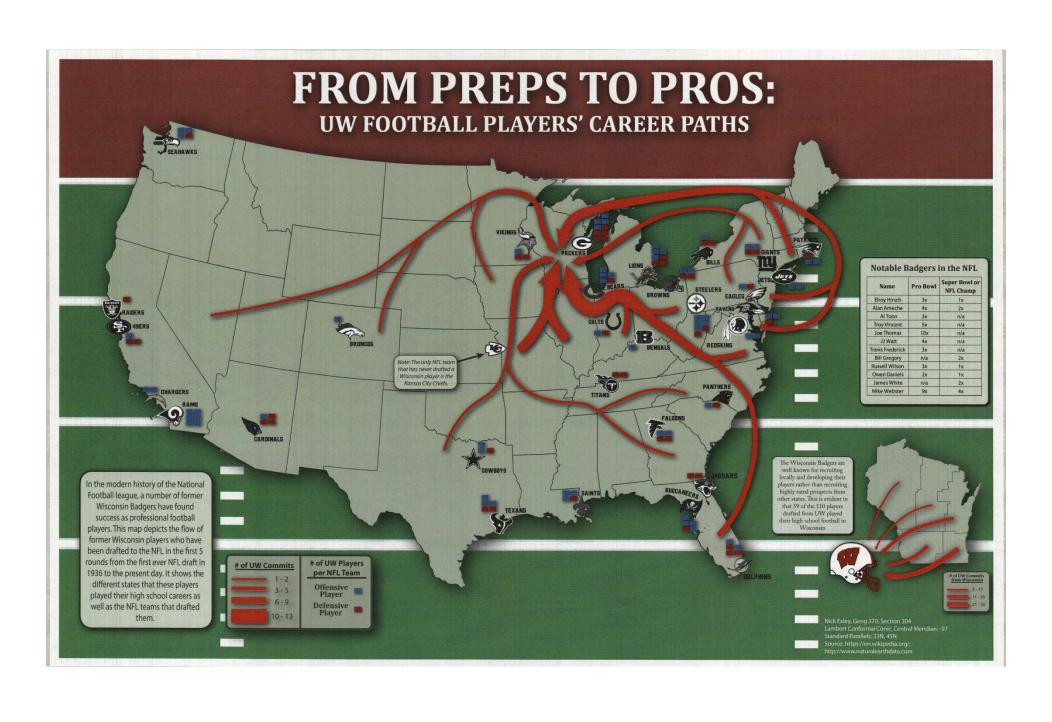
Arthur Robinson Award Honorable Mention

## 45th Annual CaGIS Map Design Competition

Appendix Perland

## From Preps to Pros: UW Football Players' Career Paths

**Nick Exley** 





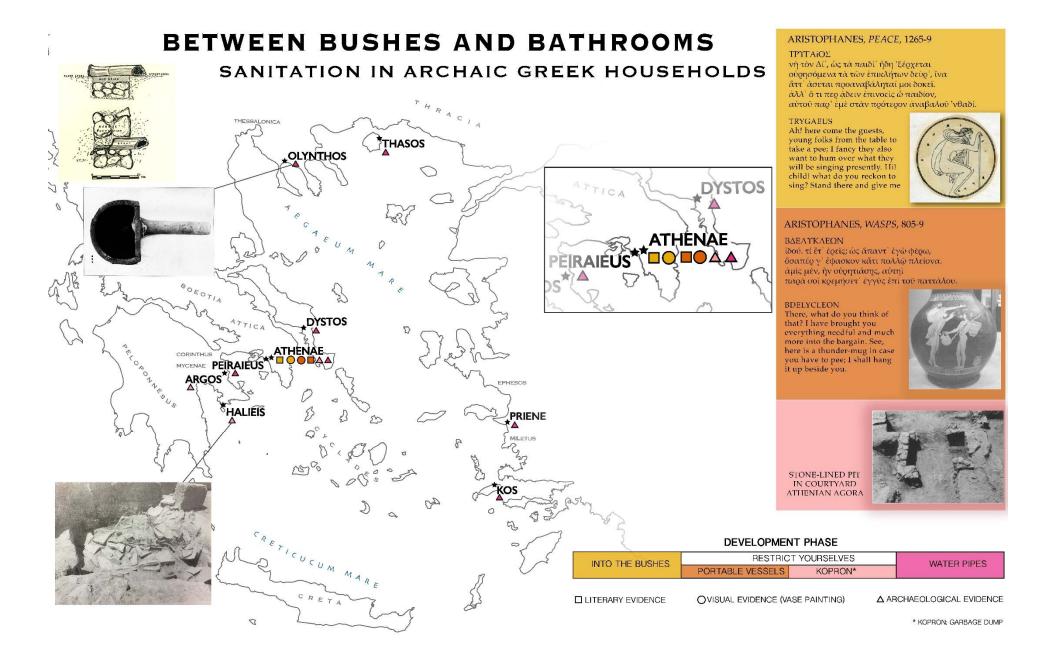
Arthur Robinson Award Honorable Mention

#### 45th Annual CaGIS Map Design Competition

#### Between Bushes and Bathrooms: Sanitation in Ancient Greek Households

Yusi Liu

**University of Wisconsin - Madison** 





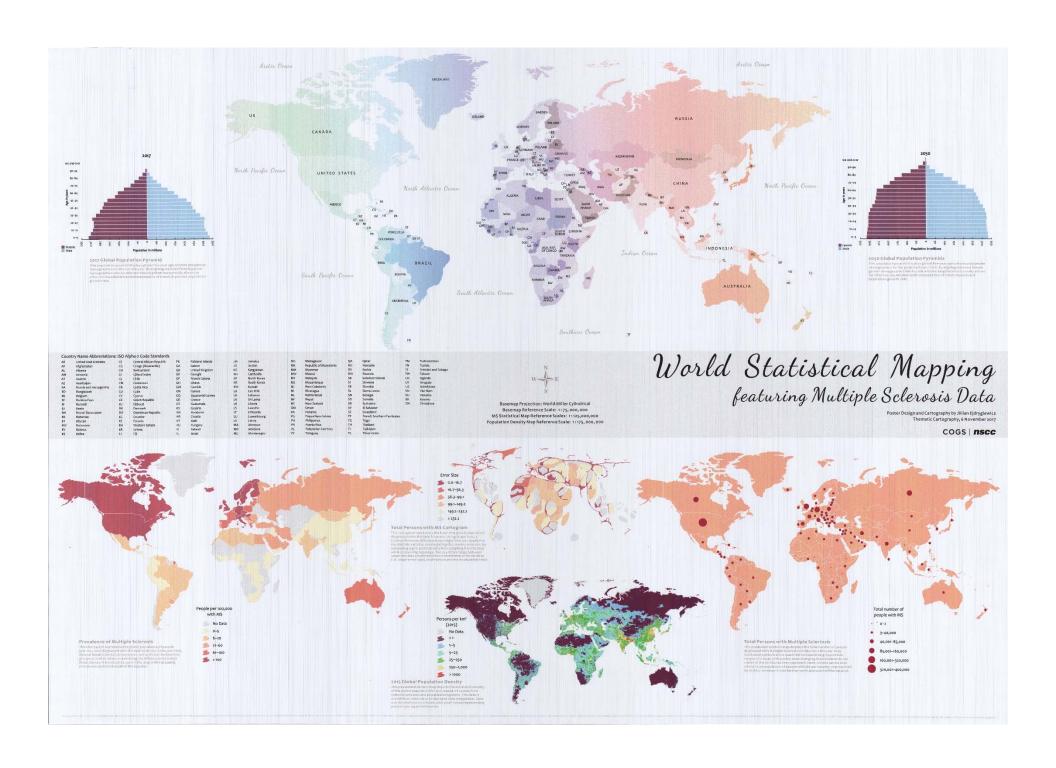
Arthur Robinson Award Honorable Mention

#### 45th Annual CaGIS Map Design Competition

Same Postage O

# World Statistical Mapping Featuring Multiple Sclerosis Data

Jillian Ejdrygiewicz
Center of Geographic Sciences, NSCC





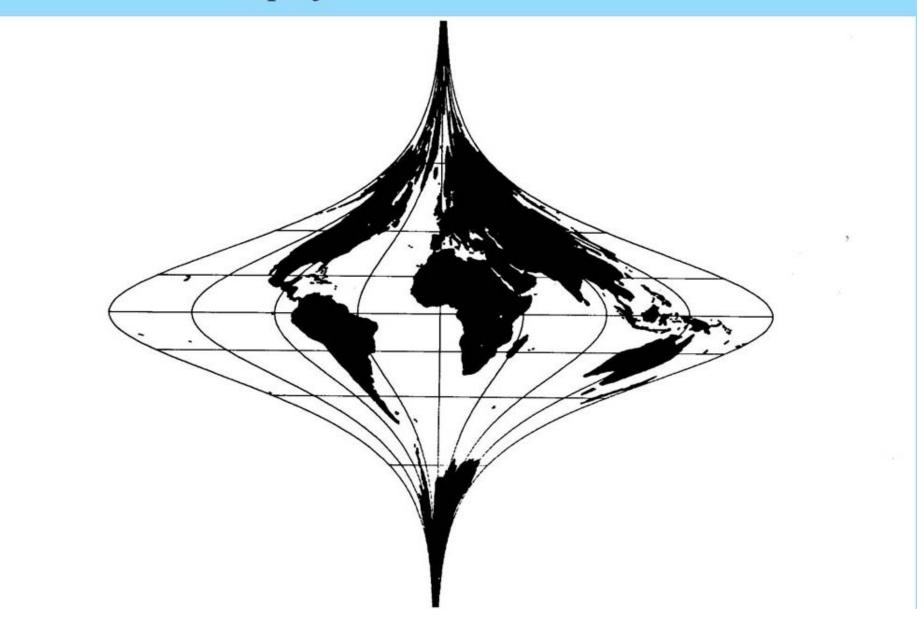
#### 45th Annual CaGIS Map Design Competition

Some Some South of So

#### A New Companion to Mercator

Waldo Tobler
University of California – Santa Barbara

#### The new projection centered on Greenwich





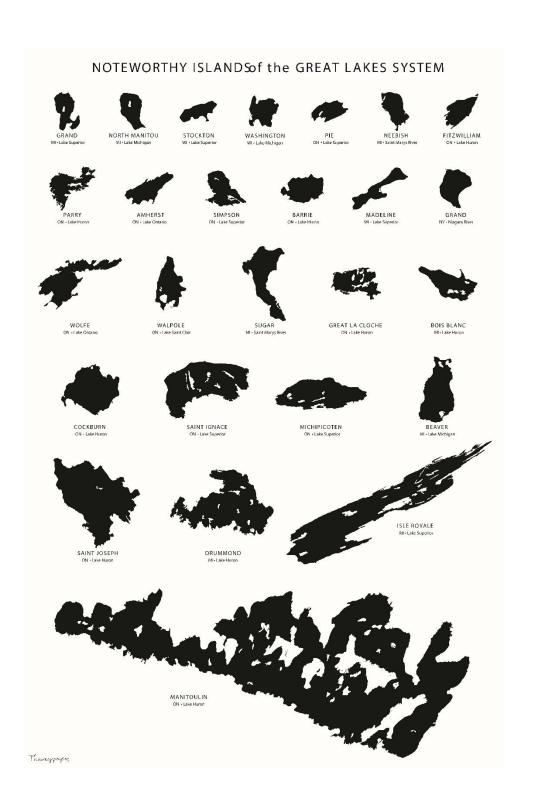
Other Category
Honorable Mention

#### 45th Annual CaGIS Map Design Competition

Some Some South of So

#### Noteworthy Islands of the Great Lakes System

Daniel P. Huffman
Somethingaboutmaps.com



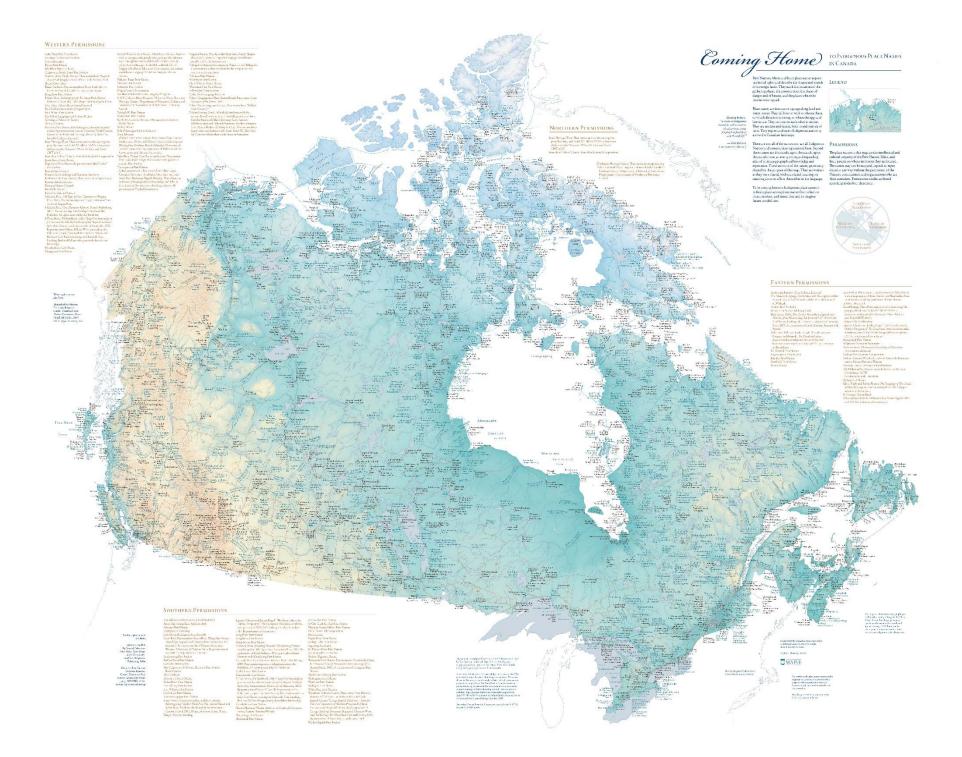


#### 45th Annual CaGIS Map Design Competition

# Coming Home to Indigenous Places Names in Canada

Margaret Wickens Pearce

Canadian-American Center, University of Maine







#### 45th Annual CaGIS Map Design Competition

#### The Melting of Antarctica

Lauren C. Tierney, Jason Treat, Stephen Tyson National Geographic Magazine





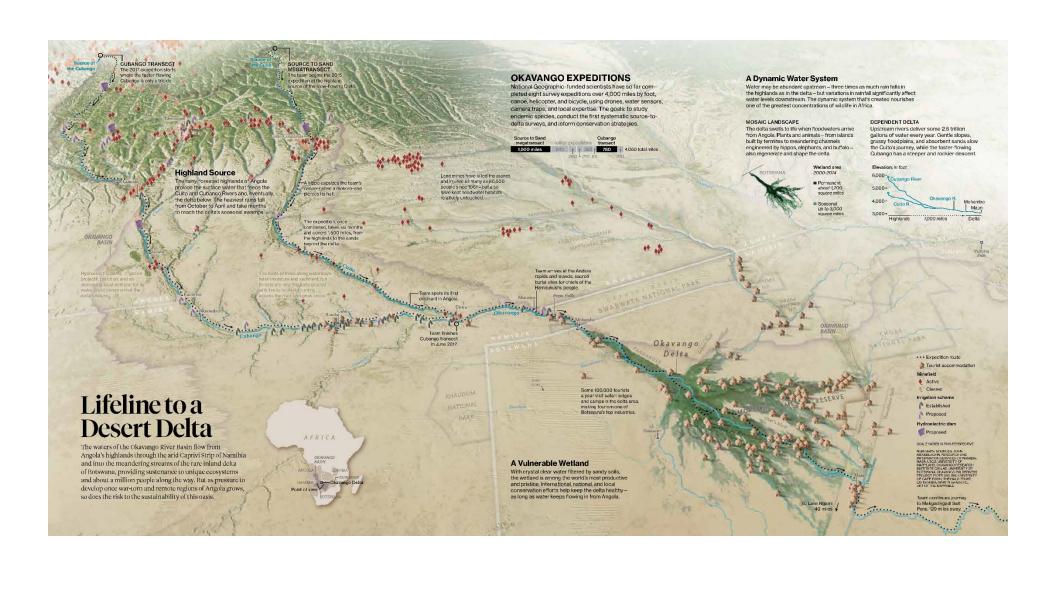
**Thematic Map**Honorable Mention

#### 45th Annual CaGIS Map Design Competition

Supple Portland O

#### Lifeline to a Desert Delta

Lauren E. James, Matthew W. Chwastyk, Ryan Williams
National Geographic Magazine





# Thematic Map Honorable Mention

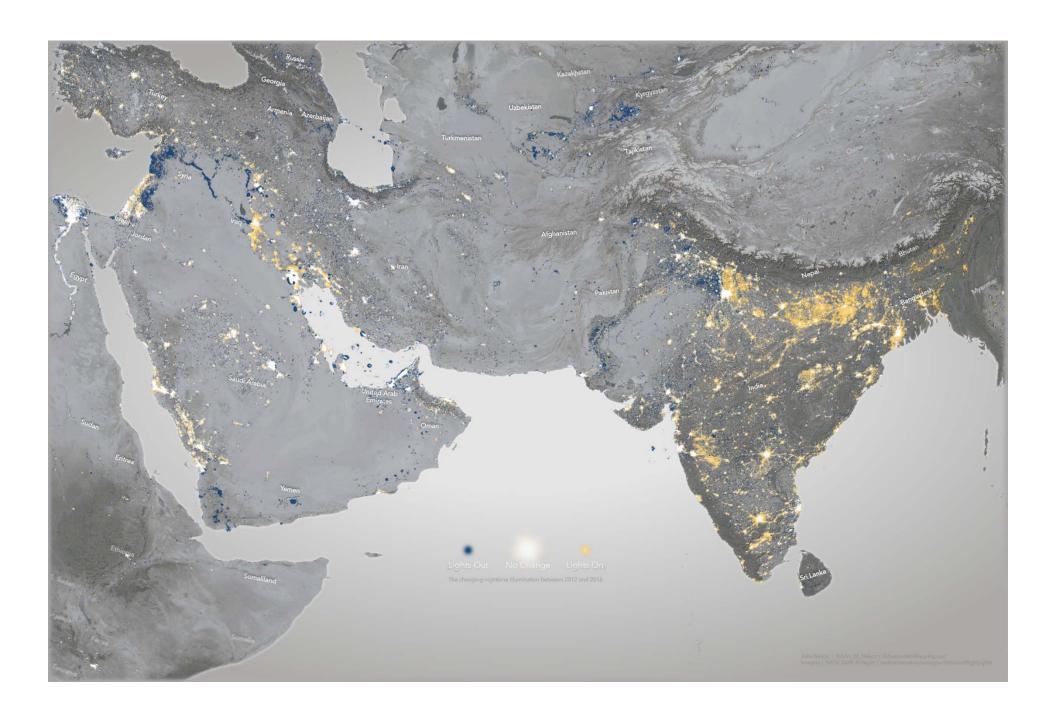
#### 45th Annual CaGIS Map Design Competition

#### Lights On Lights Out

Mayends Oregon (1) 25 68

**John Nelson** 

**ESRI** 



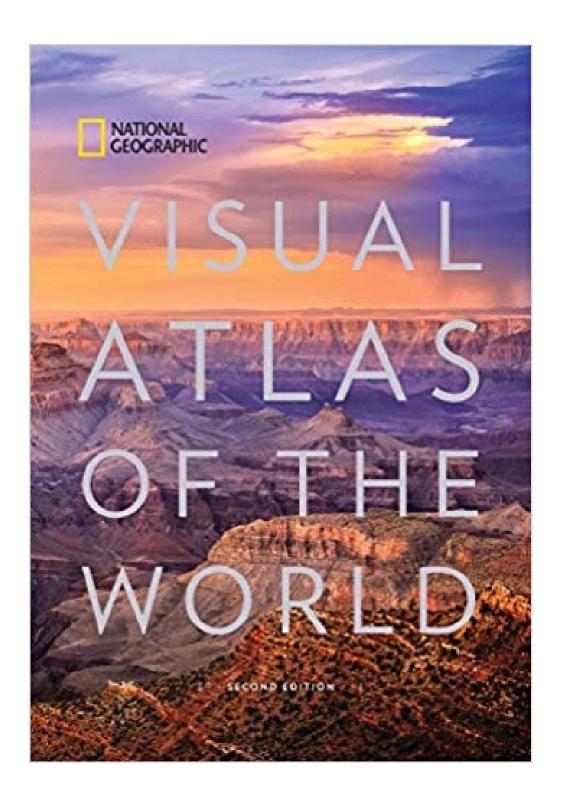


#### 45th Annual CaGIS Map Design Competition

#### Visual Atlas of the World, 2<sup>nd</sup> ed.

Debbie Gibbons, Michael Tribble, Jerome Cookson, Theodore Sickley, Irene Berman-Vaporis, Matthew Chwastyk, Mike McNey, Charles Preppernau, Damien Saunder, Lauren Tierney, Rosemary Wardley, Ryan Williams, Greg Ugiansky, Scott Zillmer

National Geographic



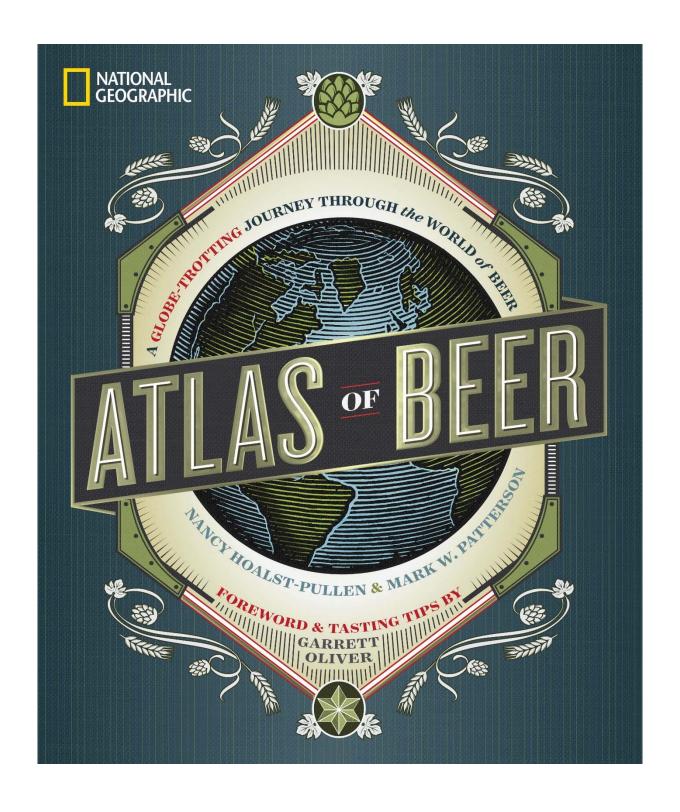


Best Atlas (Tie)

#### 45th Annual CaGIS Map Design Competition

# Atlas of Beer: A Globe Trotting Journey through the World of Beer

Mike McNey and Scott A. Zillmer National Geographic





# **Atlas**Honorable Mention

#### 45th Annual CaGIS Map Design Competition

# Ecological Atlas of the Bering, Chukchi, and Beaufort Seas

Daniel P. Huffman, Melanie Smith, Max Goldman,
Erika Knight, and Jon Warrenchuk

Audubon Alaska, Oceana, somethingaboutmaps.com

### ECOLOGICAL ATLAS OF THE BERING, CHUKCHI, AND BEAUFORT SEAS







### **Atlas**Honorable Mention

#### 45th Annual CaGIS Map Design Competition

# Climatological Atlas of Tropical Cyclones over the Western North Pacific (1981-2010)

Xiaotu Lei, Ming Ying, Hui Yu, Xiaoqin Lu, Xi Tang, Bingke Zhao, and Jianfeng Gu Shanghai Typhoon Institute, China Meteorological Administration (P-3346.01) 责任编辑:彭胜潮

西北太平洋热带气旋气候图集(1981-2010



#### 西北太平洋热带气旋气候图集

Climatological Atlas of Tropical Cyclones over the Western North Pacific

1981 ~ 2010

中国气象局上海台风研究所

Shanghai Typhoon Institute, China Meteorological Administration



科学出版社互联网入口 科学出版社 资环分社 电话: (010) 64000849 Email: geoscience@mail.sciencep.com 销售分类继议: 气象 9 #787032#539304>

定 价: 980.00元

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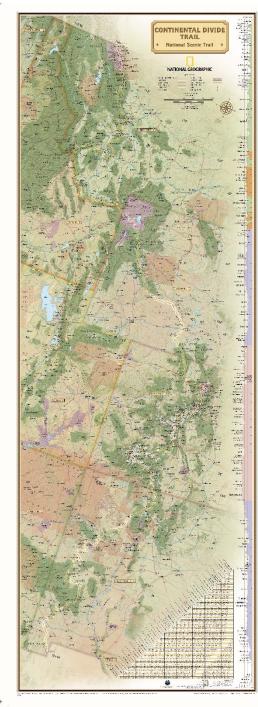
#### Best Recreation or Travel Map

#### 45th Annual CaGIS Map Design Competition

Same Portland O

#### **Continental Divide Trail**

Rachael Carpenter and Christopher Knoll
National Geographic Maps



. .



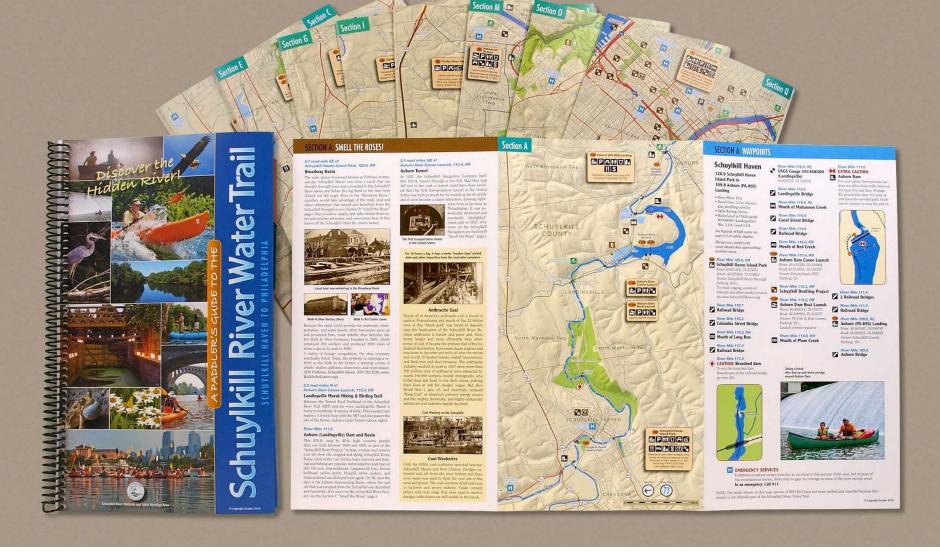
# Recreation or Travel Map Honorable Mention

#### 45th Annual CaGIS Map Design Competition

#### A Paddler's Guide to the Schuylkill River Water Trail

**Brian Swisher** 

The Swisher Studios





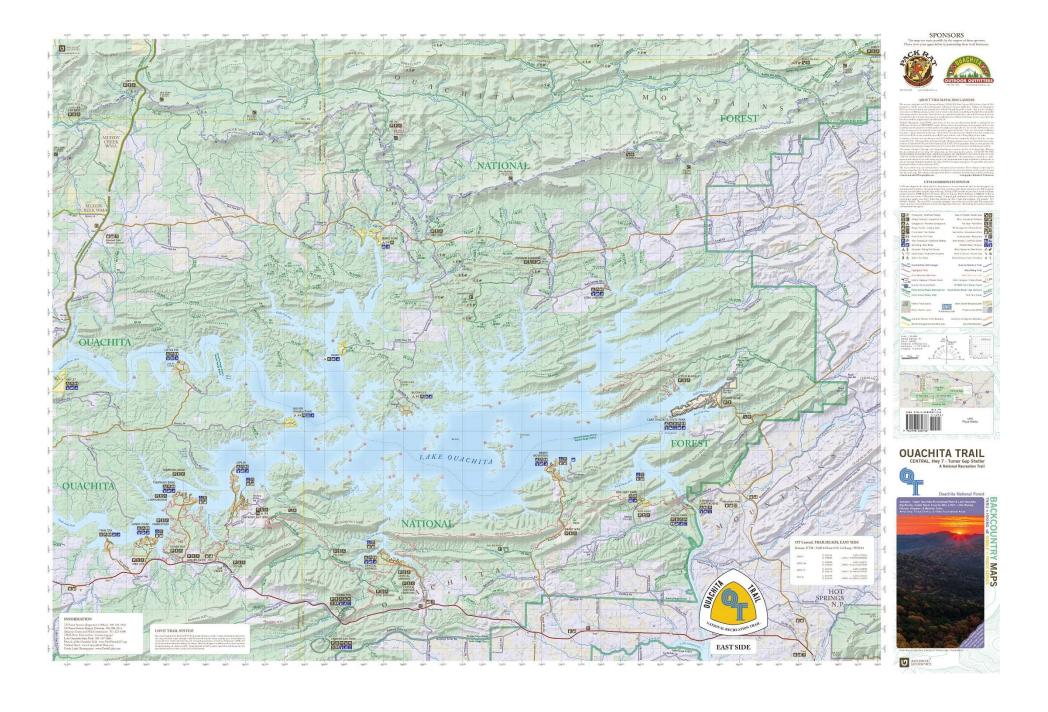
# Recreation or Travel Map Honorable Mention

#### 45th Annual CaGIS Map Design Competition

#### Ouachita Trail, Central

Kristian R. Underwood

**Underwood Geographics** 





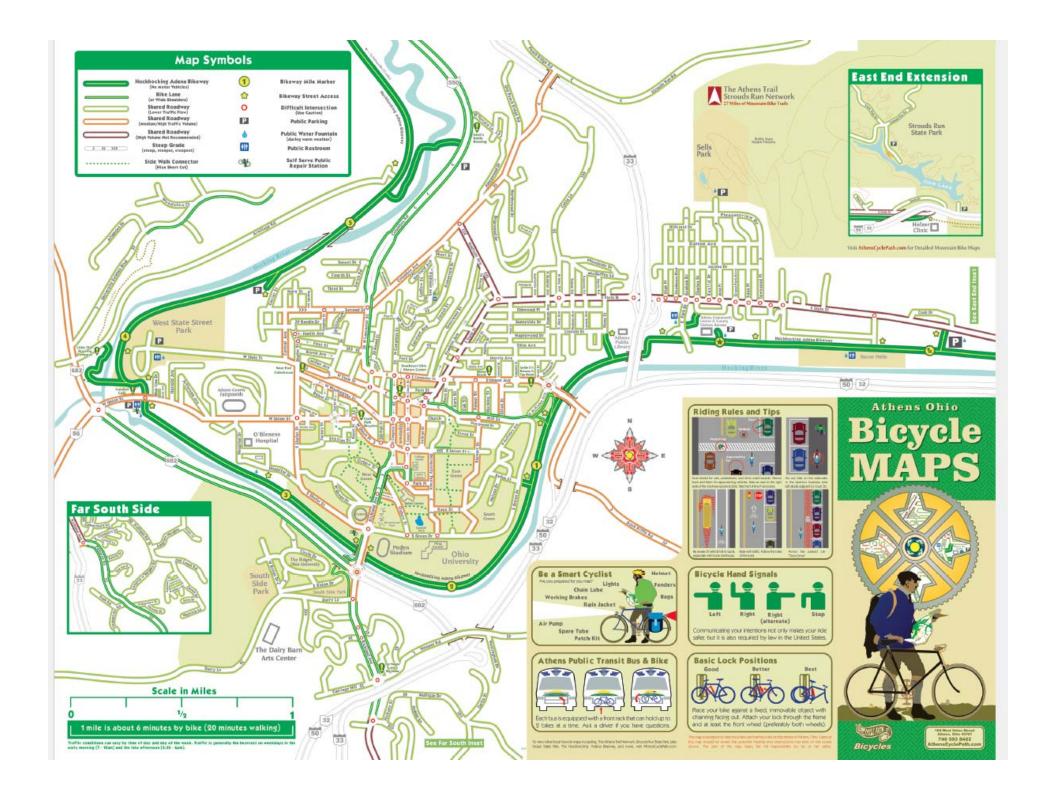
# Recreation or Travel Map Honorable Mention

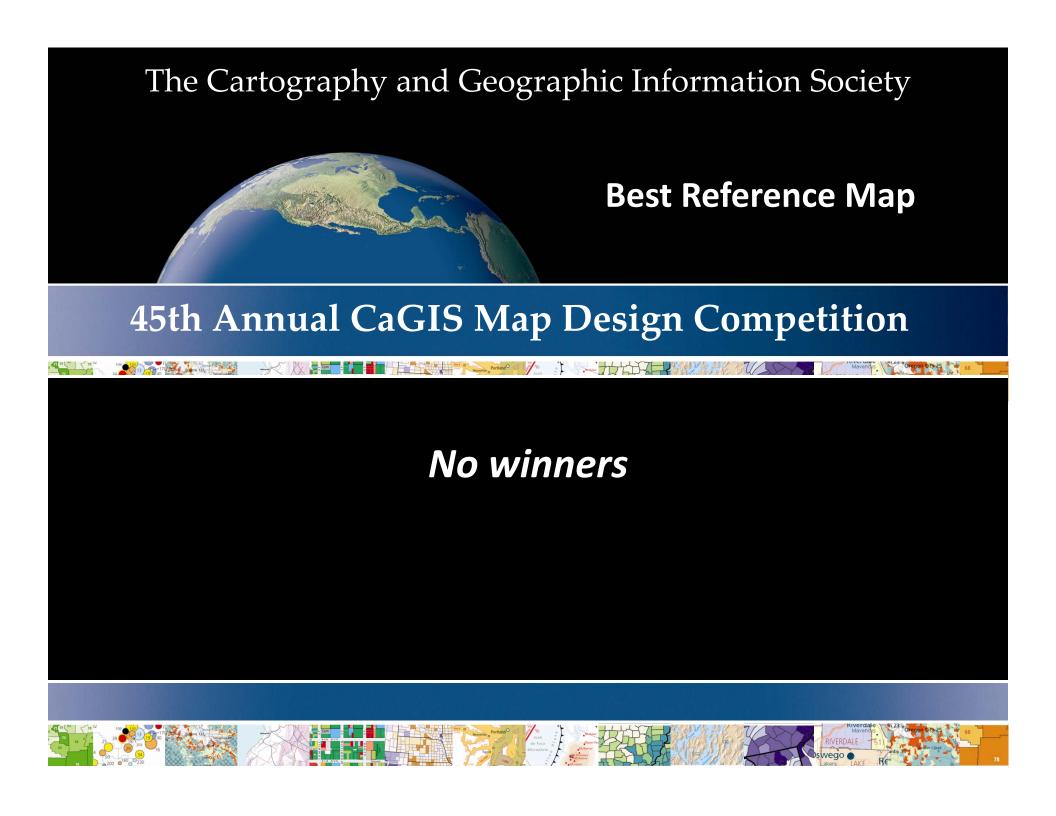
#### 45th Annual CaGIS Map Design Competition

#### Athens Ohio Bicycle Maps

John Lefelhocz

Cycle Path Bicycles of Athens, Ohio







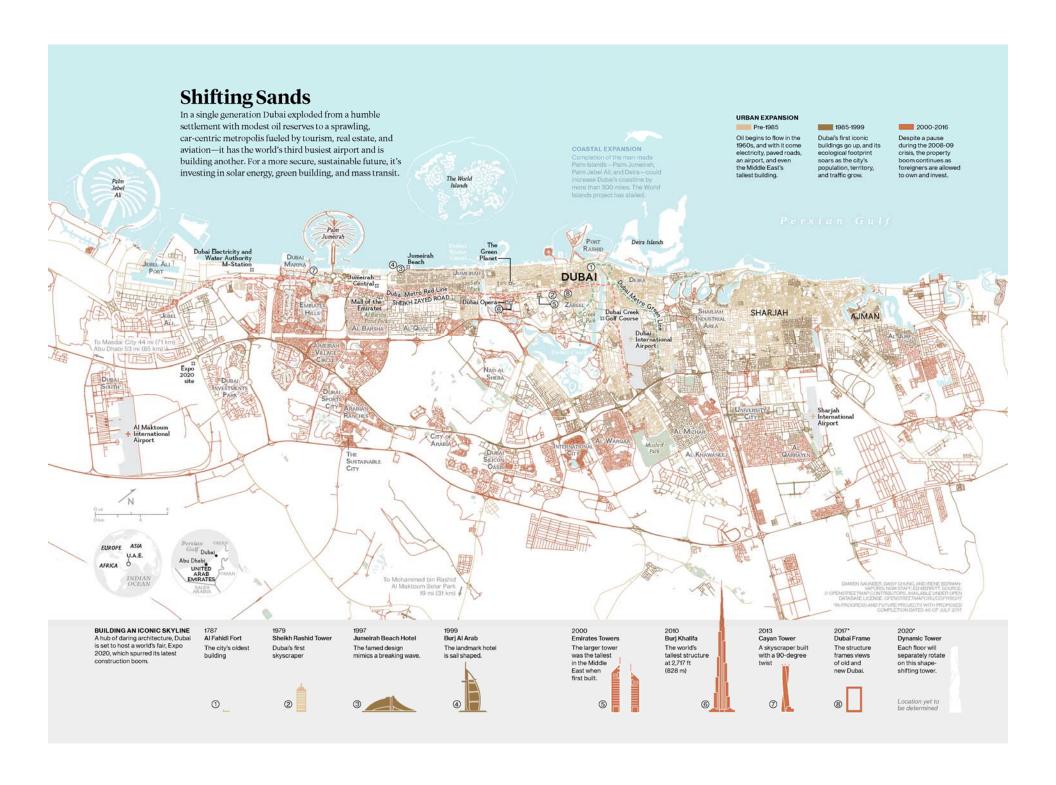
# Reference Map Honorable Mention

#### 45th Annual CaGIS Map Design Competition

#### Shifting Sands

Commission Portuge Of the Commission Portuge

Damien Saunder, Daisy Chung, Irene Berman-Vaporis, Ed Merritt National Geographic Magazine





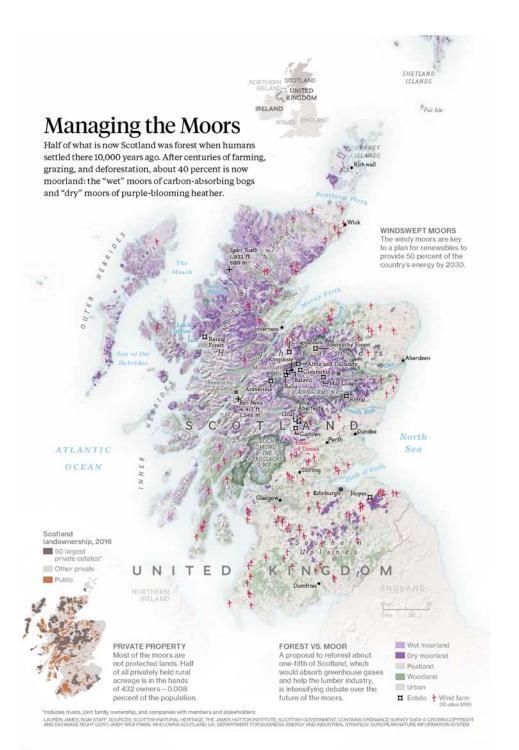
# Reference Map Honorable Mention

#### 45th Annual CaGIS Map Design Competition

#### **Managing the Moors**

Lauren E. James

National Geographic Magazine





# Reference Map Honorable Mention

#### 45th Annual CaGIS Map Design Competition

#### Protecting Baja Seas

Matthew W. Chwastyk

National Geographic Magazine



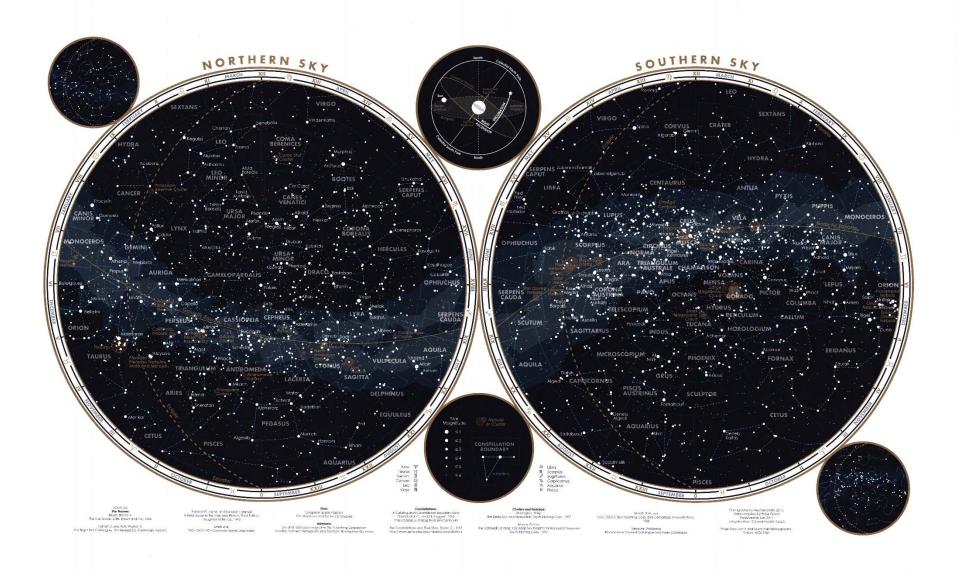


#### 45th Annual CaGIS Map Design Competition

#### The Night Sky

Total Control Control

Heather Smith ESRI



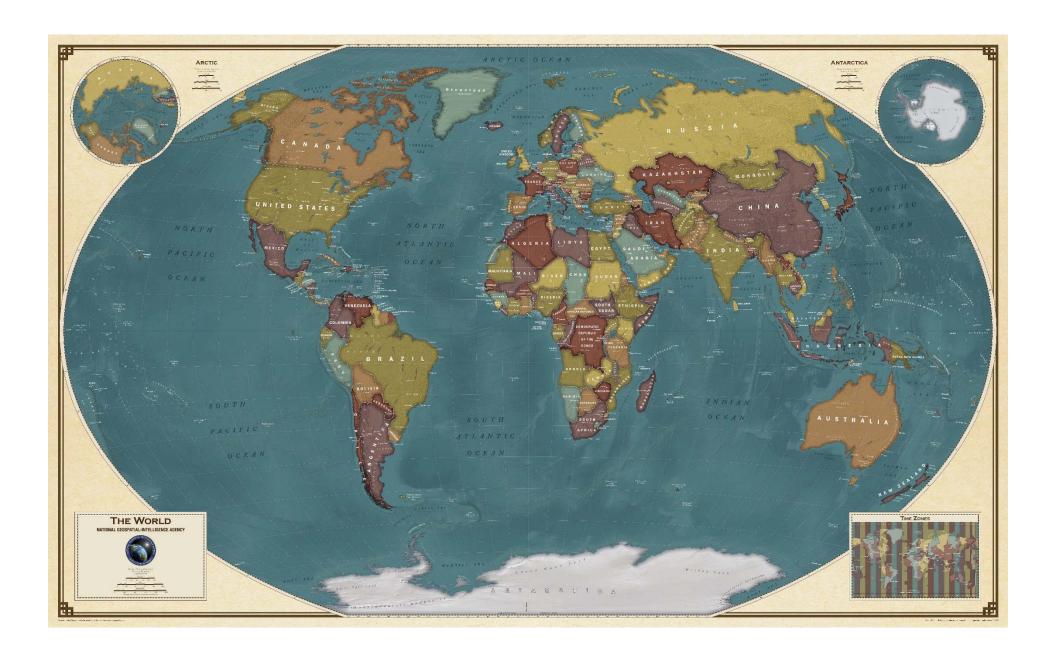


#### 45th Annual CaGIS Map Design Competition

#### The Vice-President's World Map

Nicholas P. Rosenbach

National Geospatial-Intelligence Agency





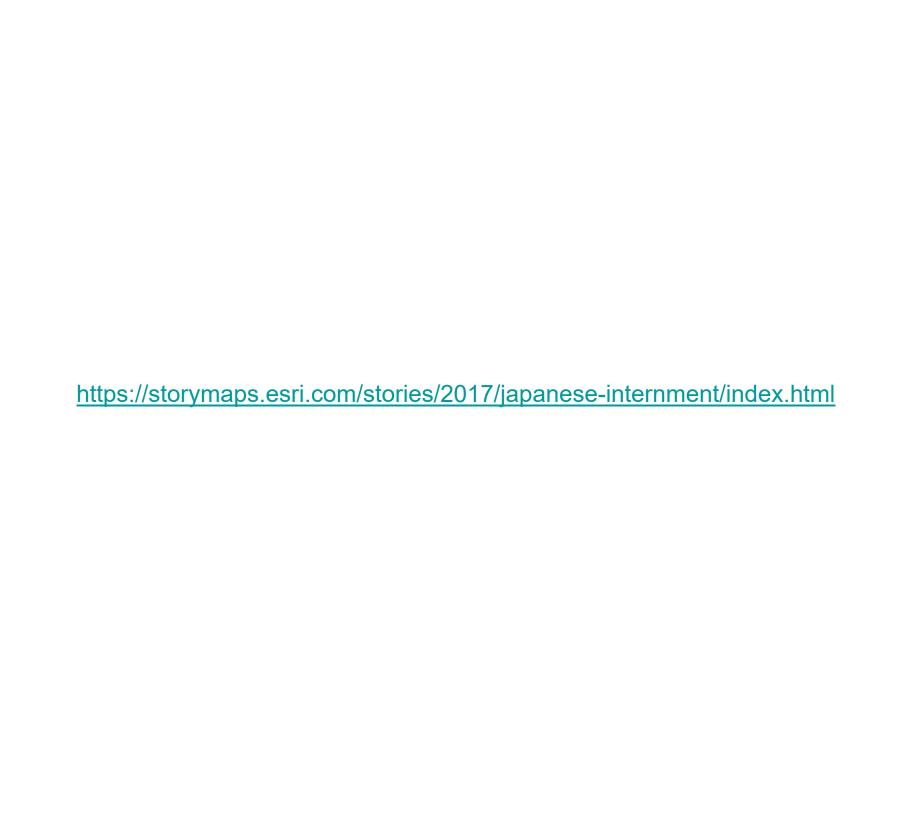
Best Digital & Interactive Map

#### 45th Annual CaGIS Map Design Competition

### Justice Deferred: Executive Order 9066 and the Geography of Japanese American imprisonment

Davis Asbury, Allen Carroll, Greyson Harris, Cooper Thomas

ESRI Story Maps Team





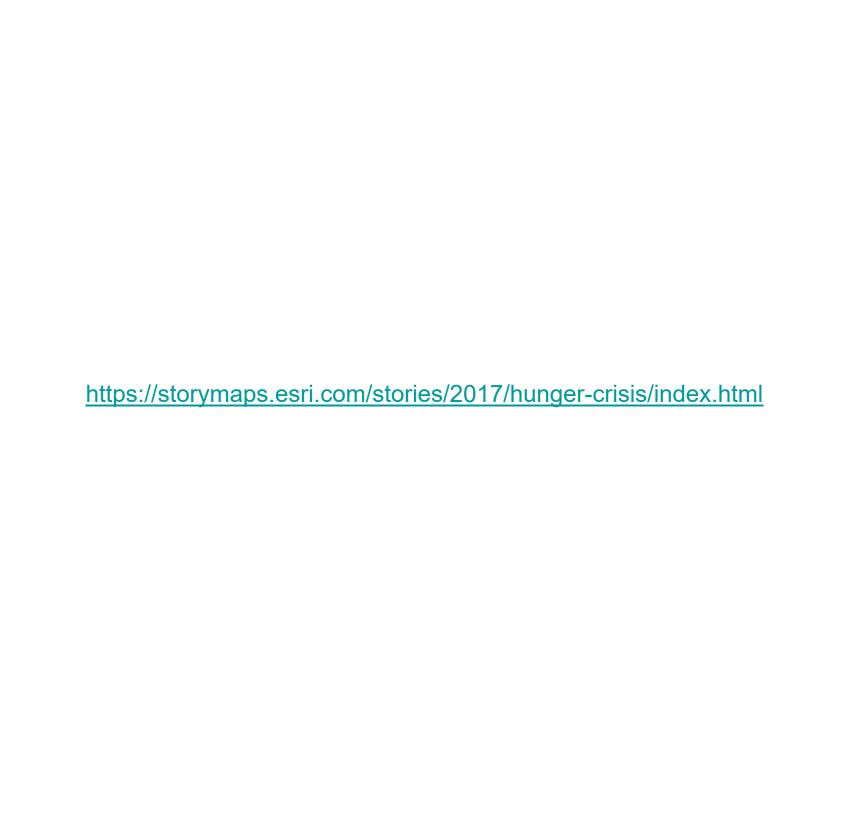
Digital & Interactive Map
Honorable Mention

#### 45th Annual CaGIS Map Design Competition

Portland O To The Control of the Con

#### On the Front Lines of Famine

Allen Carroll, Greyson Harris, Cooper Thomas, Hannah Wilber ESRI Story Maps Team





Digital & Interactive Map
Honorable Mention

#### 45th Annual CaGIS Map Design Competition

Same Portland O

# Enclaves and Exclaves: A Tour of the World's Geographically Engulfed and Orphaned Places

John Nelson and Allen Carroll

ESRI Story Map Team

