

TRACS Summit 2019

February 17-19, 2019

Bringing Environmental Justice to Campus

Huston-Tillotson University 900 Chicon St., Austin TX 78702

Greening Youth Foundation

TRACS



Black History Month Spotlight

Robert G. Stanton

First African American National Park Service Director



How to Eat an ELEPHANT...







Do The Right Thing



Spelman Class of 1992 Silver Sisters Reunion 2017





UNIVERSITY OF FLORIDA

Levin College of Law







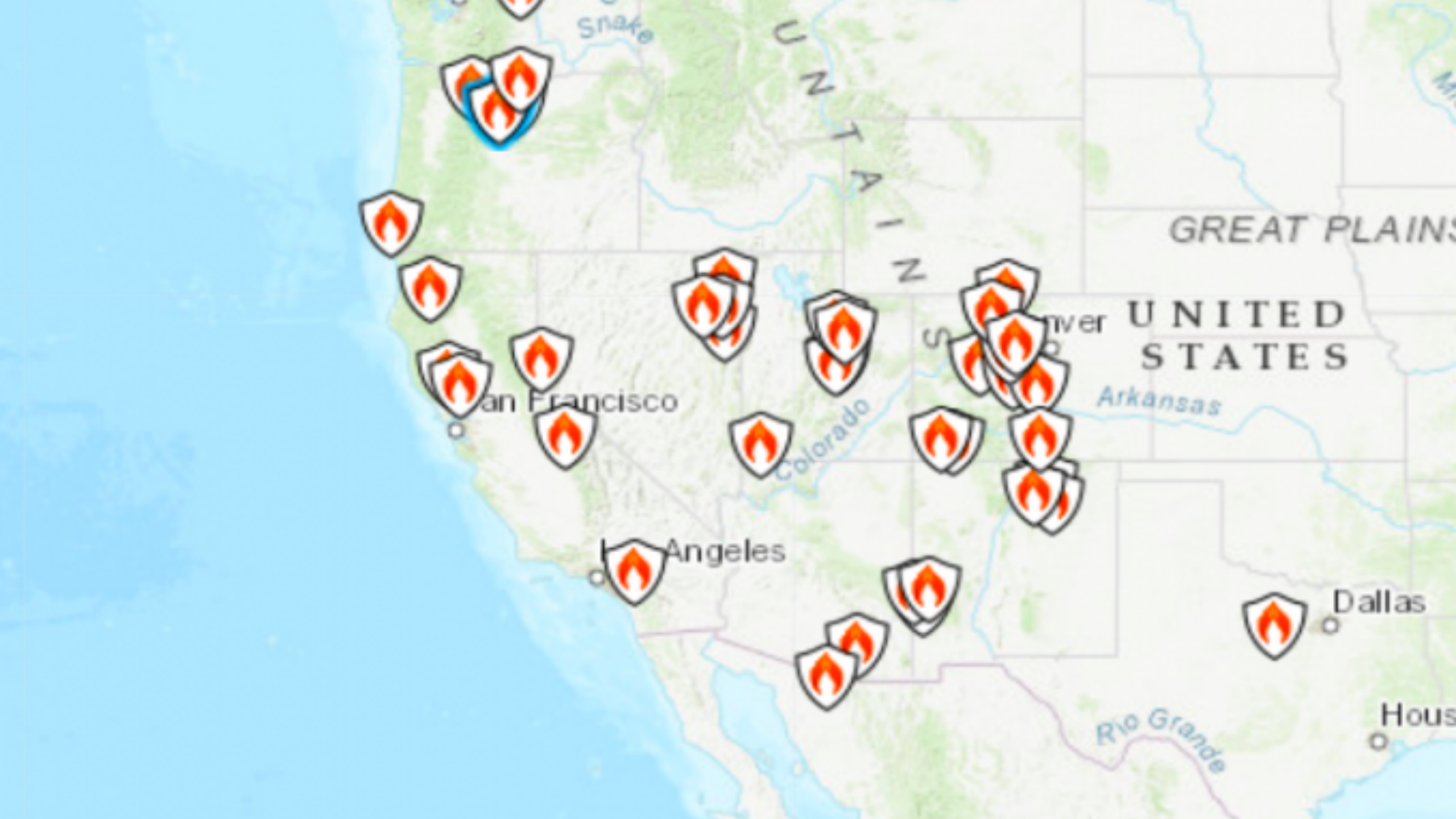
CENTER FOR GOVERNMENTAL RESPONSIBILITY

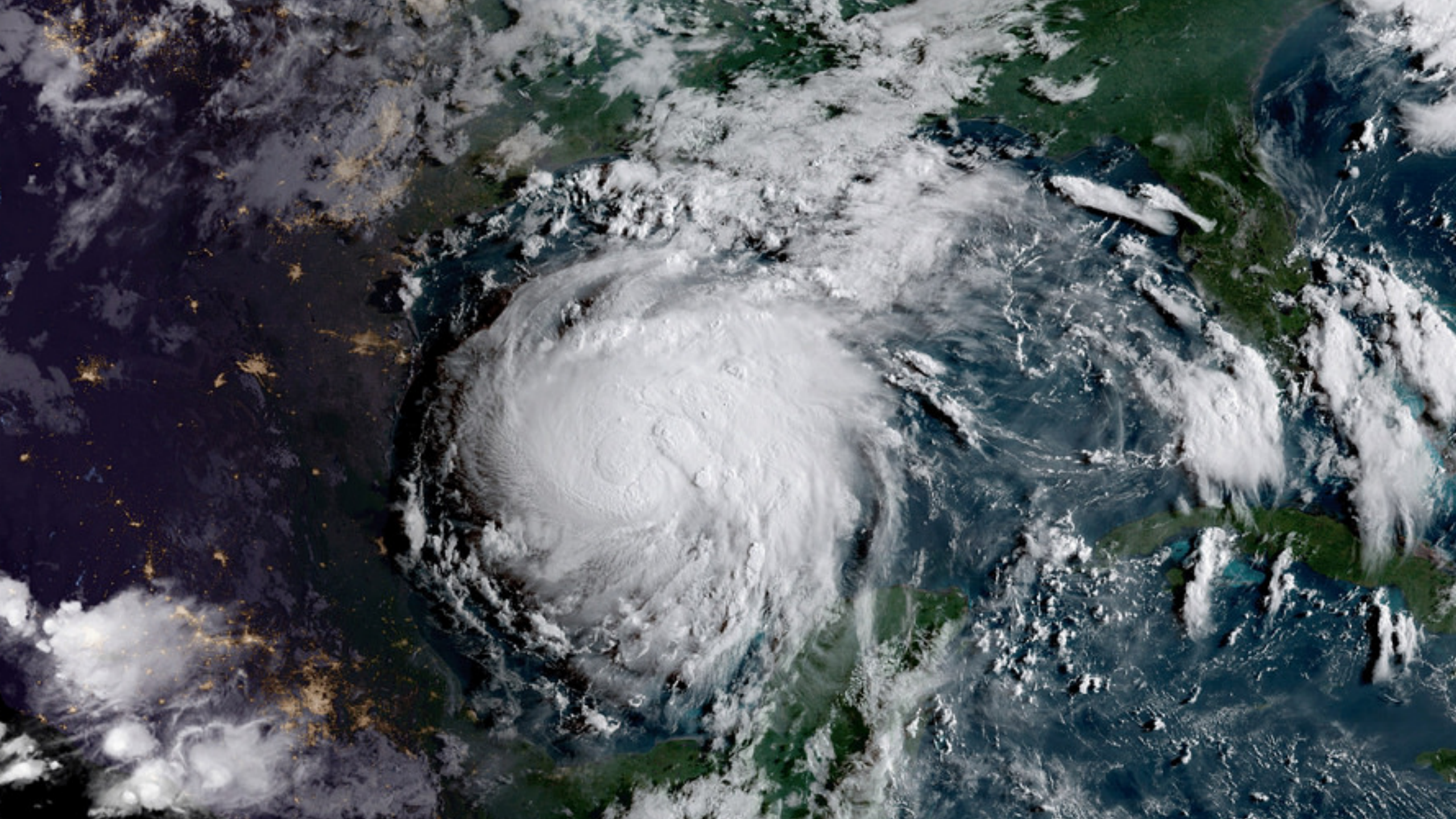
Florida's senior legal and public policy research institute



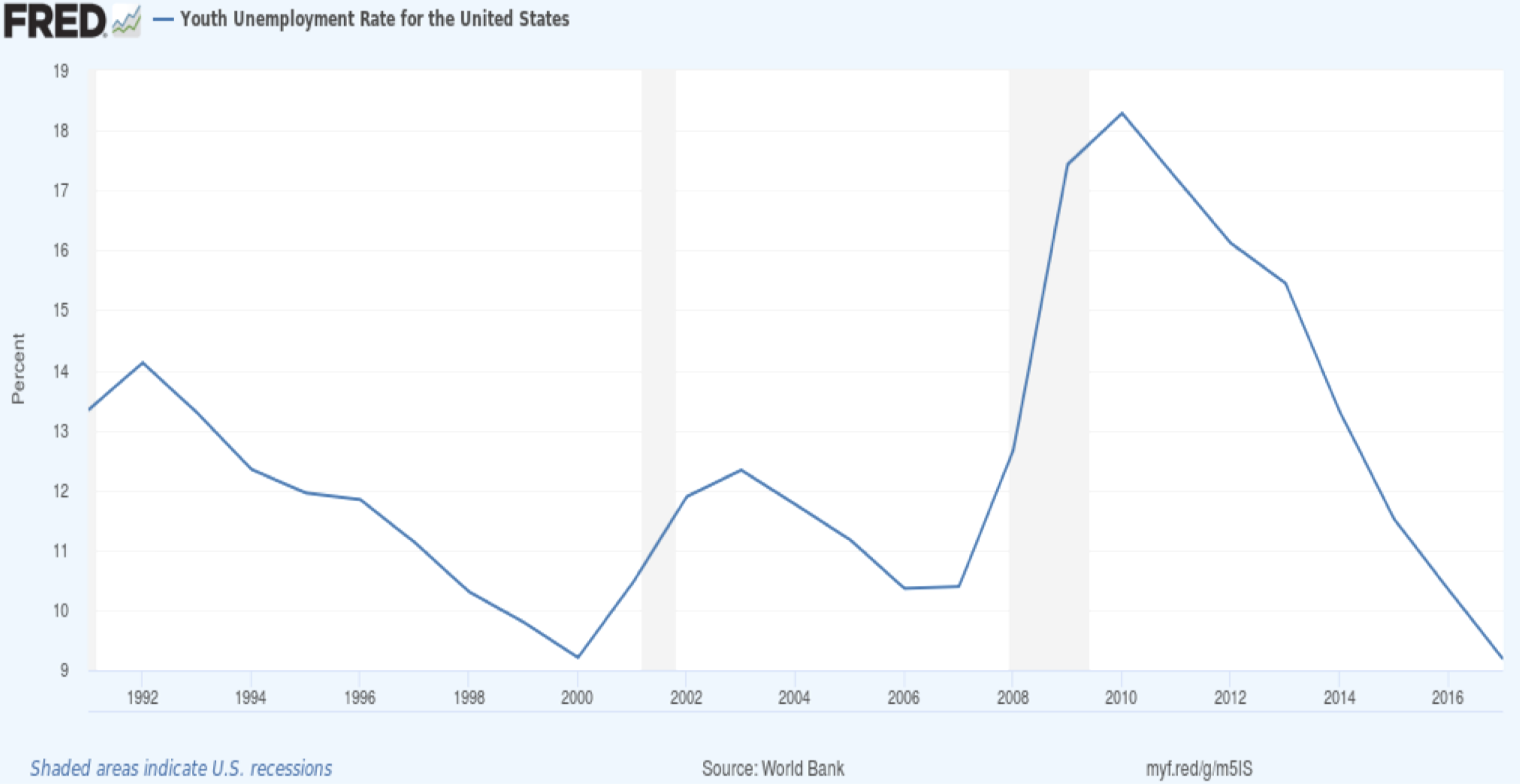





Snake
GREAT PLAINS
UNITED STATES
Arkansas
Colorado
Rio Grande
Dallas






FRED
Youth Unemployment Rate for the United States
Percent
19
18
17
16
15
14
13
12
11
10
9
1992
1994
1996
1998
2000
2002
2004
2006
2008
2010
2012
2014
2016
Shaded areas indicate U.S. recessions
Source: World Bank
myf.red/g/m5lS

Unemployment Rates in 2016 for Youth 16 - 24

- Asian Youth: 12.2%
- White Youth: 12.6%
- Hispanic Youth: 13.7%
- Black Youth: 24.3%

Based on data from the U.S. Bureau of Labor Statistics

Unemployment Rates in 2017 for Youth 16 - 24

- Asian Youth: 7.1%
- White Youth: 10.7%
- Hispanic Youth: 13.3%
- Black Youth: 19.1%

Based on data from the U.S. Bureau of Labor Statistics

Unemployment Rates in 2018 for Youth 16 - 24

- Asian Youth: 10.1%
- White Youth: 9%
- Hispanic Youth: 12.1%
- Black Youth: 16.8%

Based on data from the U.S. Bureau of Labor Statistics

Green 2.0

Despite increasing racial diversity in the United States, the racial composition in environmental organizations and agencies has not broken the 12% to 16% “green ceiling” that has been in place for decades.



Greening Youth

FOUNDATION

Prescribed Burns




THE CONSERVATION FUND
conservationfund.org
The First Park For English Avenue!
A Park With Purpose.
GEORGIA POWER
A SOUTHERN COMPANY
park pride
Community Foundation for Greater Atlanta
Eco Action
ACTrees
Alliance for Community Trees
U-HAUL
ED CASTRO LANDSCAPE
English Avenue
Greening Youth Foundation
LIFECYCLE BUILDING CENTER
Proctor Creek Stewardship Council
WALT
West Atlanta Watershed Alliance
BOISE
Paper with Purpose
TREES ATLANTA


HBCUI
HISTORICALLY BLACK COLLEGES & UNIVERSITIES INTERNSHIP


HBCU




NATIONAL
PARK
SERVICE
HBCU
HBCU


HBCUI


HBCUI
HISTORICALLY BLACK COLLEGES & UNIVERSITIES INTERNSHIP
LAND ROUTE
Whitehorse
LL LAND ROUTE
L WATER ROUTE
BRITISH
Edmonton
Vancouver
Seattle
WASHINGTON
HBCUI
Klondike Gold Rush


MOSAICS
in
Science
mosaicsinscience.org
NATIONAL PARK SERVICE
EOS 5D




National Park Service
MOSAICS

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NOAA - SOURCE AREA OF INTEREST PROJECT
By: James G. Moy
Greening Youth Foundation – NOAA Intern
Site Supervisor: Mark Griffin
Mentor: Leland Snyder
NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
National Park Service
MOSAICS in Science
SHARP







Restoring A Population One P

By: Malik J. Robinson

Introduction

- Issue: Whitebark pine mortality in Yellowstone region

Primary causes of mortality



White pine blister rust (Cronartium ribicola),



Pine Beetle (Dendroctonus Ponderosae)

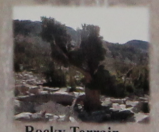


Fire

- Monitoring shows that 70% of larger whitebark pine trees (>10 cm in diameter) died from these factors since 2000 (Shanahan et. al. 2017)
- Objective : Restoration planting of baby whitebark pine trees raises important questions. Where should they be planted to grow quickly and reproduce before dying? The answer to this question relies on influences that affect the growth rate of trees which include : soil texture, snow pack, precipitation, drought, evapotranspiration, soil moisture and temperature.

Methods

- Tree Coring: Used Increment Borer to core large whitebark pine trees on north and south aspects.



Rocky Terrain



Increment Borer



Grassy terrain

- Ring Width Analysis: After sanding and preparation rings were counted and dated under a microscope.



Sanding



Tree Rings

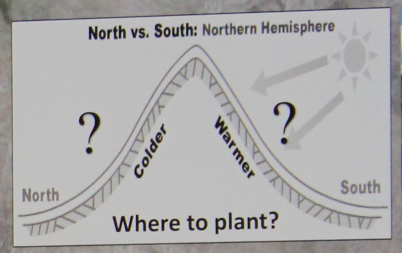


This tree is 271 years old

Study Area

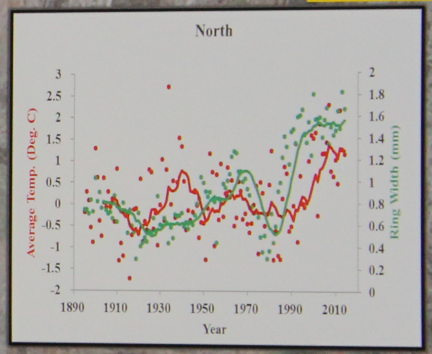
Location: Deer Creek Lake (near Big Sky, Mon

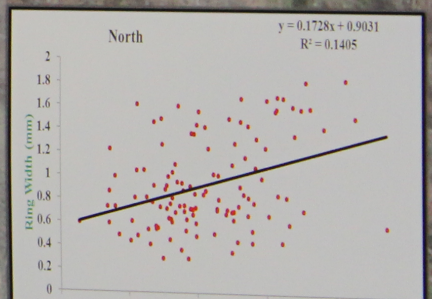
North and South Aspects: For this research we collected on the south and north aspect to add a influence the growth rate of trees.





Results






MOSAICS
in
Science


Tuskegee
RANGER STA
TUSK
National
U.S. DEPARTMENT OF AGRICU URE
FOREST SERVICE
US
DEPARTMENT OF AGRICULTURE

















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Area
LAND BETWEEN THE LAKES
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Navigating Careers in the Environmental Sector: What are the Options?

- Non-governmental organizations & the world of non-profits





Navigating Careers in the Environmental Sector: What are the Options?

- There are many federal agencies that provide careers that most students are not aware of, particularly in the natural resource management sector. For example the National Park Service, USDA Forest Service, National Oceanic Atmospheric & Association and are agencies that have career opportunities that deal with the environment while being connected to the federal government.











GreeningYouth FOUNDATION

www.gyfoundation.org

Natural Resource Management Agencies Percentage of Homogeneity

- National Park Service: **83%**
- USDA Forest Service: **82%**
- US Fish & Wildlife Service: **82%**

2016 – 2017 Youth Conservation Program Applicants

- General Youth Conservation Corps (YCC)
- Total Applicants: 4,431
- Total Positions: 148



Greening Youth FOUNDATION

2016 – 2017 Youth Conservation Program Applicants

- **Historically Black Colleges & Universities Program (HBCUI)**
- **Total Applicants: 1,009**
- **Total Positions: 41**

HBCUI

HISTORICALLY BLACK COLLEGES & UNIVERSITIES INTERNSHIP

2016 – 2017 Youth Conservation Program Applicants

- Resource Assistants Program (RAP)
- Total Applicants: 361
- Total Positions: 30

2016 – 2017 Youth Conservation Program Applicants

- Mosaics In Science (MIS)

- Total Applicants: 940

- Total Positions: 30



2016 – 2017 Youth Conservation Program Applicants

- Tree Care Management Training Program

- Total Applicants: 650

- Total Positions: 40

GreeningYouth
URBAN YOUTH CORPS

Corporate & Academic Options

- For those that are interested in corporate careers while still doing work in the environmental sector, there are corporations that would be appropriate to explore.
- Corporations that focus on carbon credits, also known as carbon offsets, such as Walmart (superstores), Home Depot, Google, and many real estate companies offer opportunities in the environmental field.

Corporate & Academic Options

- Colleges are looking for individuals interested in teaching the environmental sector in increasing amounts.
- Numerous career paths are in the environmental sector.

TRACS

DELTA AIR LINES

REI

WELLS FARGO

Prince Hall Mason

Georgia Power

Publix

COSTCO WHOLESALE

Chick-fil-A

THE HOME DEPOT

UPS

Outdoor Retail Industry Partners

Columbia

OUTDOOR INDUSTRY ASSOCIATION

THE NORTH FACE

KEEN

REI




OutDoor
Afro
OutDoor
Afro
.com
Where black
nature meet


LATINO
OUTDOORS℠
LATINO
OUTDOORS



Hispanic Access Foundation

NativesOutdoors Ambassadors

We are represented by native outdoor athletes who are champions for outdoor recreation, cultural vitality, and advocacy around public lands.



Joshua Tuck, Former GYF Intern



Youth Led Movements

- Zero Hour



A group of young activists frustrated by the inaction of elected officials organized to enact change, because change must occur. Enough is enough. The youth, believe that #thisisZeroHour to act on climate change. We cannot afford to wait any longer for adults to protect our right to the clean and safe environment, the natural resources we need to not just survive, but flourish. We know that we are the leaders we have been waiting for!

- Sunrise Movement

SUNRISE MOVEMENT

Sunrise is a movement to stop climate change and create millions of good jobs in the process. We're building an army of young people to make climate change an urgent priority across America, end the corrupting influence of fossil fuel executives on our politics, and elect leaders who stand up for the health and wellbeing of all people. We are ordinary young people who are scared about what the climate crisis means for the people and places we love.


WE CAN build a better tomorrow, today
It's time for a Green New Deal

Trust in Partnership

THE CONSERVATION FUND

The Nature Conservancy

National Park Foundation

National Trust for Historic Preservation®

NOAA National Oceanic and Atmospheric Administration U.S. Department of Commerce

U.S. Department of the Interior Bureau of Land Management

ASHOKA

TCIA™ VOICE OF TREE CARE

parkpride

Greening Youth Foundation

www.gyfoundation.org


“ There are opportunities even in the most difficult moments.”
– Wangari Maathai

“The earth was not inherited from your parents but borrowed from your children.”

– Kenyan Proverb

So how do you eat an ELEPHANT?

One Bite at a Time



Questions?

Connect with @GreeningYouth on Social Media






