



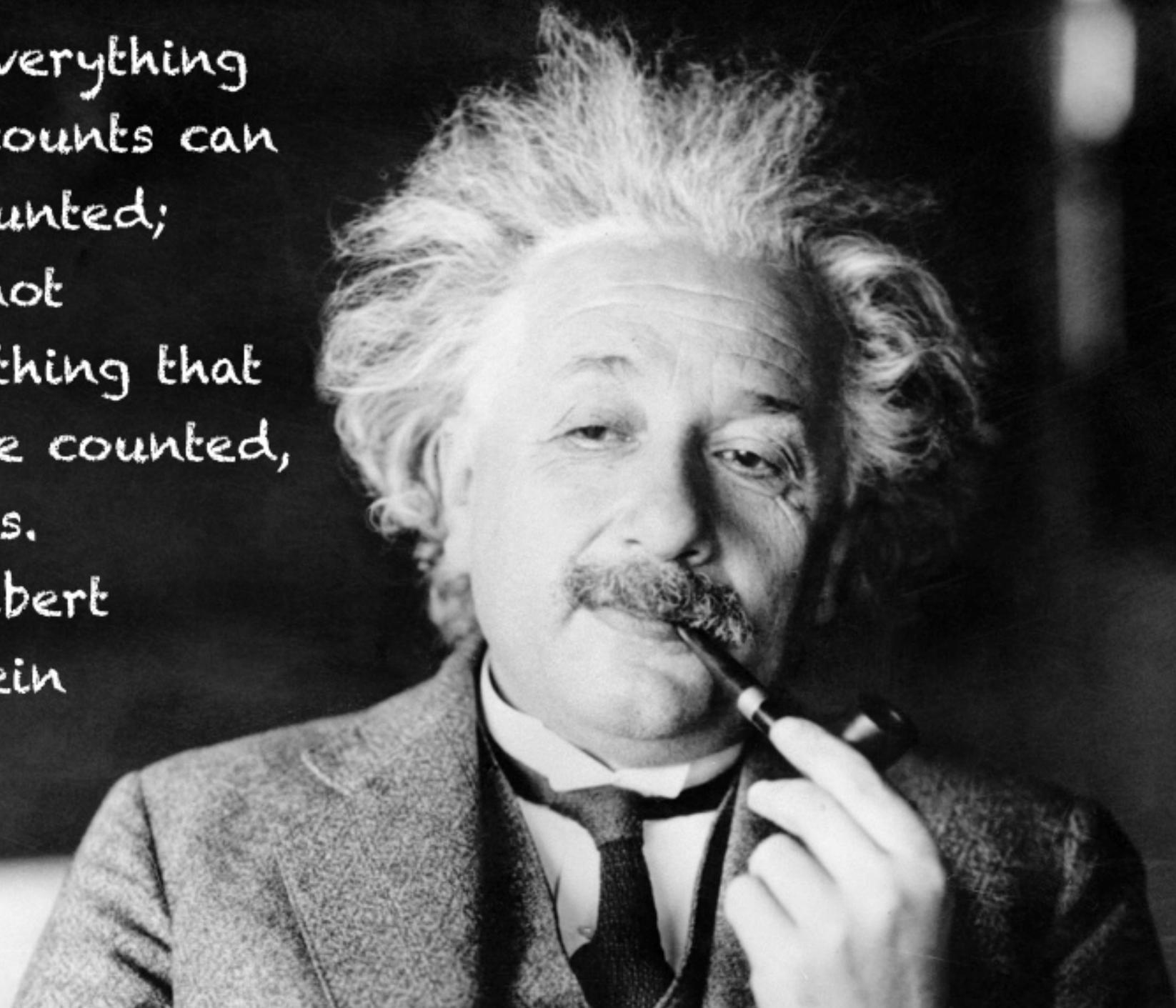
Conserve 30% by 2030

The Nature  
Conservancy



Not everything  
that counts can  
be counted;  
and not  
everything that  
can be counted,  
counts.

~ Albert  
Einstein



# Abundance Crisis

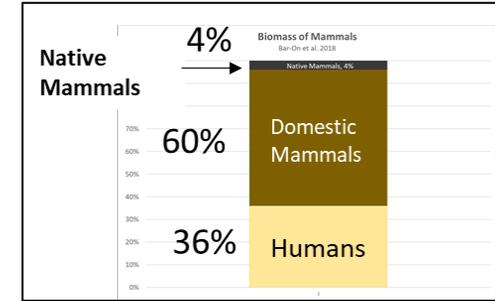
# North American Mammals

% Contractions

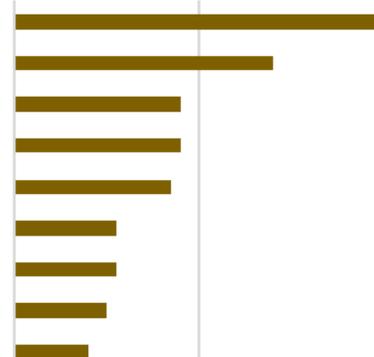
% Expansion

1959-2002 (40 yr)

-100%   -80%   -60%   -40%   -20%   0%   20%   40%   60%



- Coyote
- Kit fox
- Badger
- Raccoon
- Red fox
- Eastern spotted Skunk
- Hooded skunk
- Western spotted Skunk
- Gray fox
- Marten
- Caribou
- River otter
- Musk ox
- Wolverine
- Bighorn sheep
- Cougar
- Lynx
- Black bear
- Gray wolf
- Mountain goat
- Fisher
- Grizzly bear
- Dall's sheep
- Pronghorn
- Swift fox
- Elk
- Black-footed ferret



20-30%



30-40%



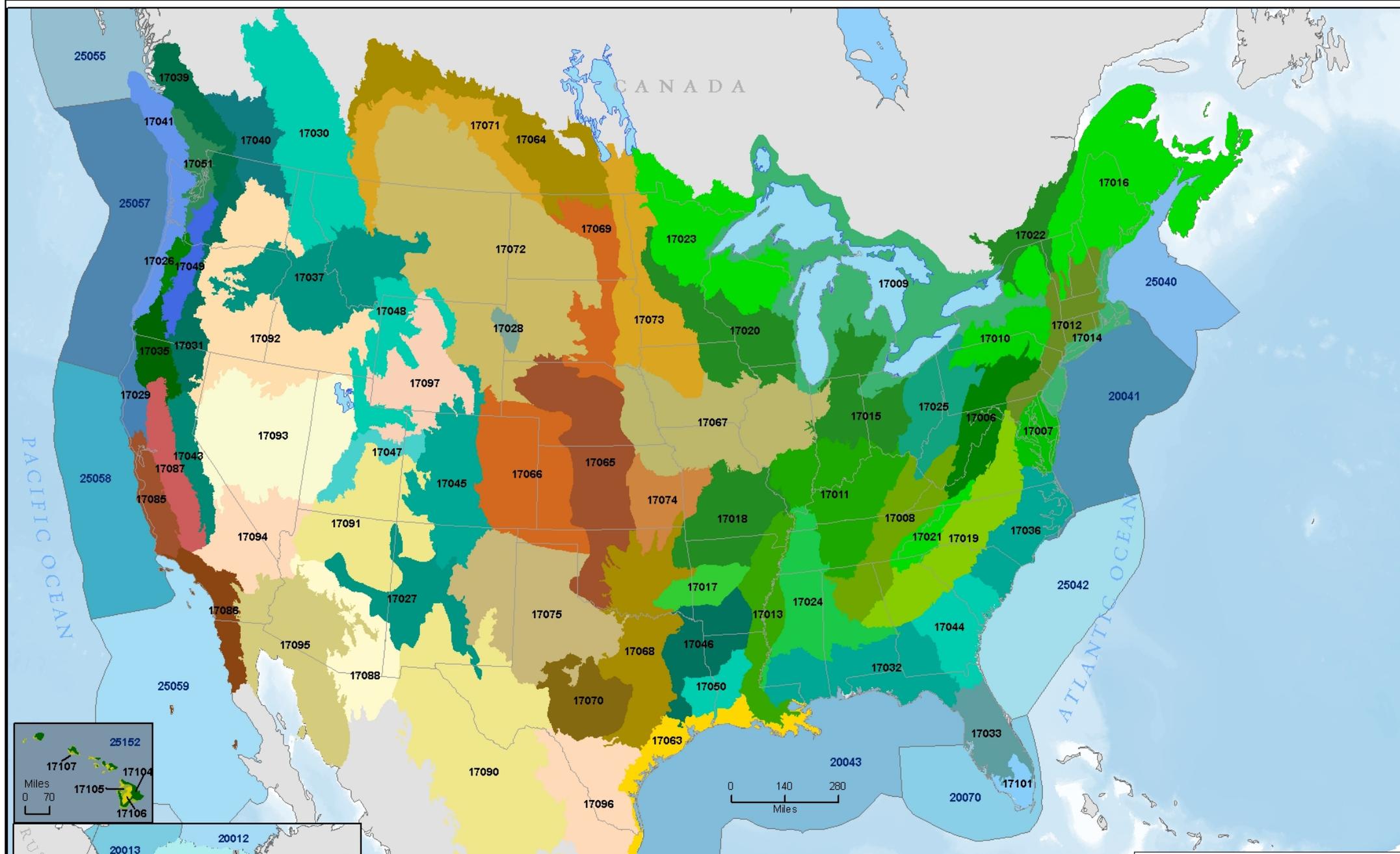
40-60%



60-80%

Labiberte and Ripple 2004, Bar-On et al. 2018

# TNC terrestrial and marine ecoregions for the United States



## Terrestrial Ecoregions

- 17006 Central Appalachian Forest
- 17007 Chesapeake Bay Lowlands
- 17008 Cumberlandlands And Southern Ridge And Valley
- 17009 Great Lakes
- 17010 High Allegheny Plateau
- 17011 Interior Low Plateau
- 17012 Lower New England / Northern Piedmont
- 17013 Mississippi River Alluvial Plain
- 17014 North Atlantic Coast
- 17015 North Central Tillplain
- 17016 Northern Appalachian / Acadian
- 17017 Ouachita Mountains
- 17018 Ozarks
- 17019 Piedmont
- 17020 Prairie-Forest Border
- 17021 Southern Blue Ridge
- 17022 St. Lawrence - Champlain Valley
- 17023 Superior Mixed Forest
- 17024 Upper East Gulf Coastal Plain
- 17025 Western Allegheny Plateau
- 17026 Willamette Valley - Puget Trough - Georgia Basin  
Temperate Broadleaf And Mixed Forests
- 17027 Arizona-New Mexico Mountains
- 17028 Black Hills
- 17029 California North Coast
- 17030 Canadian Rocky Mountains
- 17031 East Cascades - Modoc Plateau
- 17032 East Gulf Coastal Plain
- 17033 Florida Peninsula
- 17034 Gulf Of Alaska Mountains And Fjordlands
- 17035 Klamath Mountains
- 17036 Mid-Atlantic Coastal Plain
- 17037 Middle Rockies - Blue Mountains
- 17039 North Cascades
- 17040 Okanagan
- 17041 Pacific Northwest Coast
- 17042 S.E. Alaska - B.C. Coastal Forest And Mountain
- 17043 Sierra Nevada
- 17044 South Atlantic Coastal Plain
- 17045 Southern Rocky Mountains
- 17046 Upper West Gulf Coastal Plain
- 17047 Utah High Plateaus
- 17048 Utah-Wyoming Rocky Mountains
- 17049 West Cascades
- 17050 West Gulf Coastal Plain
- 17051 Willamette Valley - Puget Trough - Georgia Basin  
Temperate Conifer Forests
- 17052 Alaska Range
- 17053 Boreal Cordillera
- 17056 Cook Inlet Basin
- 17059 Interior Alaska Taiga
- 17060 Taiga Plains
- 17061 Western Taiga Shield
- 17062 Yukon Plateau And Flats
- 17063 Gulf Coast Prairies And Marshes
- 17064 Aspen Parkland
- 17065 Central Mixed-Grass Prairie
- 17066 Central Shortgrass Prairie
- 17067 Central Tallgrass Prairie
- 17068 Crosstimbers And Southern Tallgrass Prairie
- 17069 Dakota Mixed-Grass Prairie
- 17070 Edwards Plateau
- 17071 Fescue-Mixed Grass Prairie
- 17072 Northern Great Plains Steppe
- 17073 Northern Tallgrass Prairie
- 17074 Osage Plains/Flint Hills Prairie
- 17075 Southern Shortgrass Prairie
- 17076 Alaska Peninsula
- 17077 Alaska-Yukon Arctic
- 17078 Arctic Cordillera
- 17079 Bering Sea And Aleutian Islands
- 17080 Beringian Tundra
- 17081 Bristol Bay Basin
- 17082 Northern Arctic
- 17083 Southern Arctic
- 17084 Taiga Cordillera
- 17085 California Central Coast
- 17086 California South Coast
- 17087 Great Central Valley
- 17088 Apache Highlands
- 17090 Chihuahuan Desert

## Marine Ecoregions

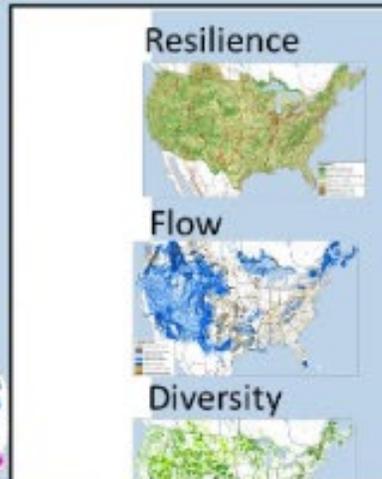
# Resilient and Connected Network

Bio-  
diversity

Resilient  
Sites

Climate  
Flow

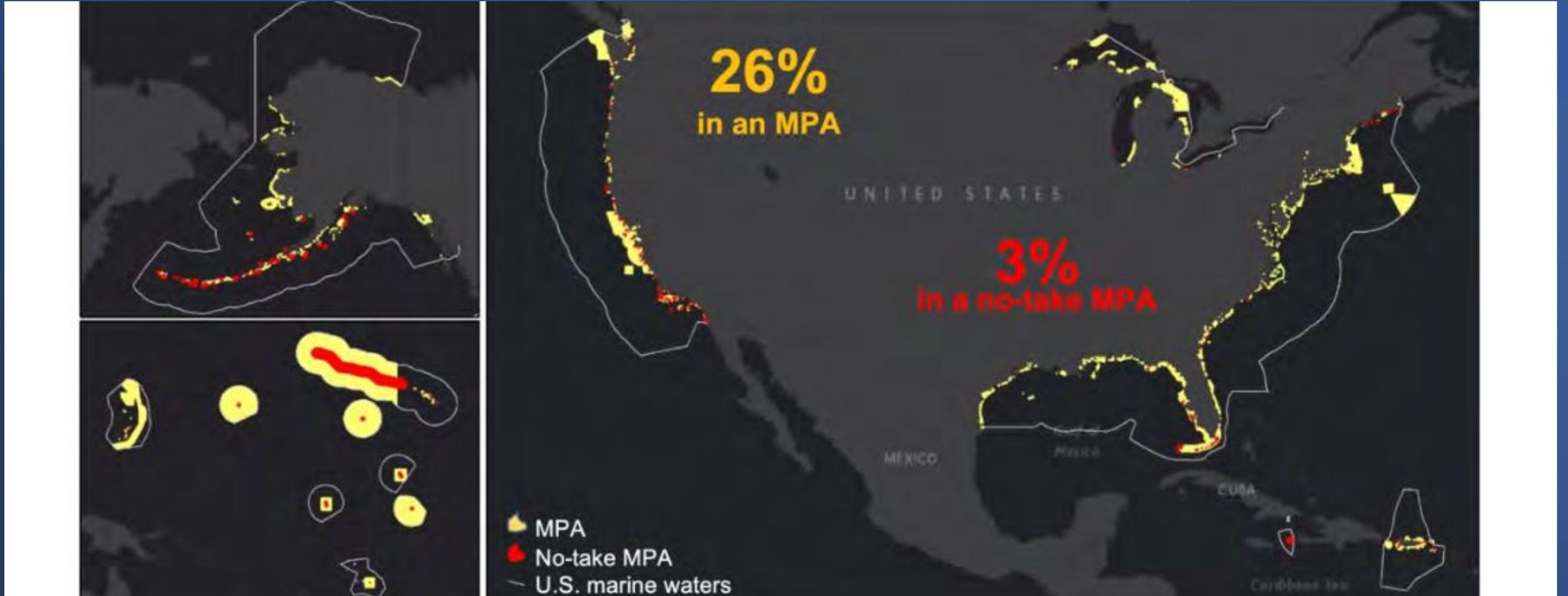
33% of US



# Freshwater Conservation



# Marine Conservation





# Convention on Biological Diversity

Nairobi, 2019



# FINANCING NATURE

closing the  
biodiversity  
financing gap

- **Protect natural and cultural treasures.** As President, Biden will take immediate steps to reverse the Trump administration's assaults on America's natural treasures, including by reversing Trump's attacks on the Arctic National Wildlife Refuge, Bears Ears, and Grand Staircase-Escalante. On Day 1, Biden will also begin building on the Obama-Biden Administration's historic conservation efforts by issuing an executive order to conserve 30% of America's lands and waters by 2030, focusing on the most ecologically important lands and waters. His administration will work with tribal governments and Congress to protect sacred sites and public lands and waters with high conservation and cultural values. And, he will provide tribes with a greater role in the care and management of public lands that are of cultural significance to Tribal Nations.

- Protecting biodiversity, slowing extinction rates and helping leverage natural climate solutions by conserving 30% of America's lands and waters by 2030.
- Protecting America's natural treasures by permanently protecting the Arctic National Wildlife Refuge and other areas impacted by President Trump's attack on federal lands and waters, establishing national parks and monuments that reflect America's natural heritage, banning new oil and gas permitting on public lands and waters, modifying royalties to account for climate costs, and establishing targeted programs to enhance reforestation and develop renewables on federal lands and waters with the goal of doubling offshore wind by 2030.



SIGN IN NPR SHOP

ARTS & LIFE MUSIC SHOWS & PODCASTS SEARCH

ENVIRONMENT

## Biden Pledges To Conserve Nearly A Third Of U.S. Land A Water By 2030

December 8, 2020 · 3:51 PM ET  
Heard on [All Things Considered](#)



NATHAN ROTT

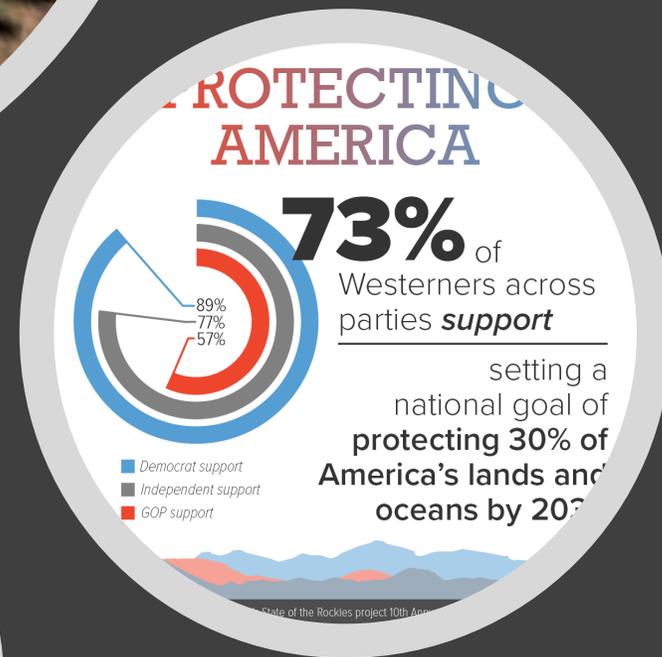


# Elements

- Baseline
  - Representation of ecoregions
- Broad definition of Conservation
  - Private and public lands
- Performance Targets
  - Key Ecological Attributes
- Effective Management
- Durability
- Collaboration & Buy-In

Ranch, Farm, Forest !





## Call to Action

- Convene and develop shared solutions
- More funding
- More impact
- Nature based solutions
- Regs to avoid conversion and reduce degradation
- Increase R&D into low carbon
- National Climate Assessment integration

A young deer with large, upright ears is peering over a field of tall, yellowish-green grass. The deer's face is partially obscured by the grass, and it is looking directly at the camera. The background is a clear, bright blue sky. The word "Questions" is overlaid in white text on the right side of the image.

Questions