MAKING CONSERVATION HAPPEN

30 x 30:
Protecting 30% of Waters & Lands by 2030
TODAY’S AGENDA

Tom Adams, The Ocean Project
➢ Covid-19 Resources
➢ Five Minutes Inside the Beltway
➢ 30 x 30 Overview

Miriam Goldstein, Center for American Progress
➢ Understanding U.S. Marine Protected Areas

☑ Question Time and Closing Remarks

Next Webinar on May 1, 2020 at 1:00 p.m. Eastern/10:00 a.m. Pacific.
30x30 Part 2
Closed But Still “Serving”

Editor's notebook: Feeding teams and fueling morale, Florida Aquarium works with Columbia and others to keep teams fed and kitchens working

The Florida Aquarium ordered $960 worth of Goody-Goody's boxed burgers and fries to feed its Aquarium Tuesday, courtesy of the Florida Aquarium.

By Alexis Mueller – Editor, Tampa Bay Business Journal
Mar 23, 2020, 10:41am EDT Updated Mar 23, 2020, 11:00am EDT
Federal Coronavirus Epidemic Response

- **Stimulus 3**
  - $2 Trillion of Economic Relief (more to follow)

- **Possible Stimulus 4**
  - Assistance to State & Local Governments to Offset Budget Hits
  - Infrastructure
  - Possibility of targeted aid to Non-Profit Sector
Stimulus Provisions

**Institutional**

- Zoo & aquariums eligible for emergency loans to help offset operating losses – loan debt is forgiven if monies used for intended purpose.

- Provides Treasury Dept. authority to make loans or loan guarantees to states, municipalities and eligible businesses (includes non-profits).

**For Employees**

- Provides up to $1,200 to Americans making $75,000 or less ($150,000 married joint filers) and $500 for each child.

- Expands eligibility for unemployment insurance to provide additional $600 per week on top of the unemployment amount determined by each state.
AZA Has More Covid Information

https://www.aza.org/covid-19-resources

AZA Member Resources for COVID-19

Industry and operations resources, including USDA resources, from the ZAHP Fusion Center.

Educational resources and live online events can be added on our public page.

Communications Resources (Dropbox) including resources for reaching out to legislators, and communications toolkits.

There are several AZA Network Groups available to members and non-members:

- COVID-19 Resource Group (open to all, an AZA web account needed)

As well as several closed groups that are having valuable discussions (these require employment at an AZA-accredited facility or AZA professional membership):

- All Hazards Response
- Ambassador Animals
- Finance
Five Minutes Inside the Beltway

Tom Adams
Policy Advisor
The Ocean Project

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www.TheOceanProject.org
Five Minutes Inside the Beltway

- Pollution, What Pollution?
  - EPA and NOAA Cease Most Enforcement Activities
  - Repeal of Auto Mileage Standard Completed
  - NEPA Rollback Process Continues
  - Plastics Industry Strikes Back Against Bans

- Election, What Election?
  - Primaries & Democratic Convention pushed back

- "Ground Stop" of Non-Pandemic Legislation Creates Opportunities Elsewhere

Building the 30 x 30 Movement
30 x 30 at AZA Annual Conference

Keynote Address from Enric Sala

Click Here to Watch:

Enric Sala 30x30 Keynote at AZA 2019
What is the 30 x 30?

- Protect 30% of our Blue Planet “in a natural state by 2030”
- Marine, Terrestrial, Aquatic
- Preserving intact areas
- Restoring areas impacted areas
- Postponed October 2020 Convention on Biological Diversity in China was to be a key influence event – rescheduling TBD
Marine Protected Areas as Part of 30 x 30

Miriam Goldstein

Director, Ocean Policy
Center for American Progress

Mgoldstein@AmericanProgress.org

https://www.americanprogress.org
Understanding U.S. MPAs

Miriam Goldstein & Margaret Cooney
Methodology

- Data from MPAtlas & Marine Conservation Institute (Thank you!)
- Assigned each MPA to a region based on the Fisheries Management Council structure
- For this purpose, “fully protected” means no commercial fishing (and we counted NECSM as “fully protected” given phase-out)
- Variables we looked at:
  - Area
  - No-take area
  - Location (state/territory vs federal)
  - Level of protection
  - How each MPA was designated
Most U.S. MPA Area is in the West Pacific.

**FIGURE 1A**
Percentage distribution of marine protected areas (MPAs), by region

<table>
<thead>
<tr>
<th>Region</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>West Pacific</td>
<td>96.69%</td>
</tr>
<tr>
<td>Pacific</td>
<td>4.15%</td>
</tr>
<tr>
<td>New England</td>
<td>0.63%</td>
</tr>
<tr>
<td>South Atlantic</td>
<td>0.53%</td>
</tr>
<tr>
<td>Gulf of Mexico</td>
<td>0.44%</td>
</tr>
<tr>
<td>Caribbean</td>
<td>0.17%</td>
</tr>
<tr>
<td>North Pacific</td>
<td>0.06%</td>
</tr>
<tr>
<td>Mid-Atlantic</td>
<td>0.04%</td>
</tr>
</tbody>
</table>

**FIGURE 1B**
Percentage distribution of highly to fully protected marine protected areas (MPAs), by region

<table>
<thead>
<tr>
<th>Region</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>West Pacific</td>
<td>99.47%</td>
</tr>
<tr>
<td>New England</td>
<td>0.44%</td>
</tr>
<tr>
<td>Pacific</td>
<td>0.05%</td>
</tr>
<tr>
<td>South Atlantic</td>
<td>0.02%</td>
</tr>
<tr>
<td>Caribbean</td>
<td>0.01%</td>
</tr>
<tr>
<td>Gulf of Mexico</td>
<td>0.00%</td>
</tr>
<tr>
<td>North Pacific</td>
<td>0.00%</td>
</tr>
<tr>
<td>Mid-Atlantic</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

But numerically the Pacific coast dominates.

**FIGURE 3**

The number of U.S. marine protected areas (MPAs), by region

- **Pacific**: All MPAs = 274, Highly to fully protected MPAs = 90
- **Gulf of Mexico**: All MPAs = 155
- **South Atlantic**: All MPAs = 129
- **New England**: All MPAs = 86
- **Caribbean**: All MPAs = 66
- **West Pacific**: All MPAs = 64
- **Mid-Atlantic**: All MPAs = 62
- **North Pacific**: All MPAs = 13


Center for American Progress | MPA Analysis
70% of U.S. MPAs are smaller than Washington, D.C.

**FIGURE 2**
The number of U.S. marine protected areas (MPAs), by size range (in square kilometers)

- **Estuarine (0):** 141
- **Less than 0.1:** 58
- **0.1 to 1:** 158
- **1 to 10:** 187
- **10 to 100:** 178
- **100 to 1,000:** 73
- **1,000 to 10,000:** 17
- **10,000 to 100,000:** 5
- **100,000 to 1,000,000:** 3
- **Greater than 1,000,000:** 2

For fully protected MPAs – it’s all about monuments.

**FIGURE 4A**
Percentage area of U.S. marine protected areas (MPAs), by designation type

- **Monument** 95.47%
- **Sanctuary** 2.82%
- **Other federal** 0.92%
- **State or territory** 0.80%

**FIGURE 4B**
Percentage area of highly to fully protected U.S. marine protected areas (MPAs), by designation type

- **Monument** 99.47%
- **Other federal** 0.46%
- **State or territory** 0.08%
- **Sanctuary** 0.00%

Advancing an Ambitious Conservation Agenda

Key findings from a nationwide survey among registered voters
Conducted February 2019
Methodology

- Nationwide survey among 1,203 registered voters
  - Interviews conducted online February 20 to 26, 2019
  - Includes 257 registered voters in Rocky Mountain states (AZ, CO, ID, MT, NV, NM, UT, WY)

**Party ID**
- Republicans: 38%
- Democrats: 43%
- Independents: 19%

**Region**
- West: 21%
- Midwest: 22%
- Northeast: 22%
- South: 35%

**Area Type**
- Urban: 26%
- Suburban: 36%
- Small town/rural area: 38%
Large majorities of Americans believe we should be conserving more of our lands and oceans.

The United States currently protects 12% of America’s lands as parks, wildlife refuges, open space, and other protected areas. = 73% conserve more

- 36% Should conserve much more
- 37% Should conserve somewhat more
- 20% Currently conserve right amount
- 7% Should conserve less

The United States currently protects 12% of America's lands as parks, wildlife refuges, open space, and other protected areas. = 74% conserve more

- 40% Should conserve much more
- 34% Should conserve somewhat more
- 21% Currently conserve right amount
- 5% Should conserve less

The United States currently protects roughly a quarter of our oceans as marine sanctuaries, marine national monuments, ocean parks, and other protected areas. = 71% conserve more

- 36% Should conserve much more
- 35% Should conserve somewhat more
- 22% Currently conserve right amount
- 7% Should conserve less
The desire to increase conservation extends to many different types of lands and ocean areas.

<table>
<thead>
<tr>
<th>Natural places in America</th>
<th>Ocean areas important to whales, sharks, at-risk sea life</th>
<th>Wildlife refuges and habitats for endangered species</th>
<th>Beaches, marshes, and other coastal areas</th>
<th>Public lands/natural places for outdoor recreation (hunting, fishing, hiking)</th>
<th>Wild lands and backcountry areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>37%</td>
<td>49%</td>
<td>46%</td>
<td>40%</td>
<td>33%</td>
<td>36%</td>
</tr>
<tr>
<td>38%</td>
<td>29%</td>
<td>29%</td>
<td>33%</td>
<td>35%</td>
<td>31%</td>
</tr>
<tr>
<td>20%</td>
<td>16%</td>
<td>18%</td>
<td>21%</td>
<td>24%</td>
<td>24%</td>
</tr>
<tr>
<td>5%</td>
<td>6%</td>
<td>7%</td>
<td>6%</td>
<td>8%</td>
<td>9%</td>
</tr>
<tr>
<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

- **Should conserve much more**: 78%
- **Should conserve somewhat more**: 73%
- **Currently conserve right amount**: 68%
- **Should conserve less**: 67%

= 78% conserve more
= 73% conserve more
= 68% conserve more
= 67% conserve more
Voters support setting ambitious conservation goals for the United States.

<table>
<thead>
<tr>
<th>Goal Description</th>
<th>Strongly support goal</th>
<th>Top three goals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW DEAL FOR NATURE.</strong> We need a New Deal for Nature that protects the natural places and biodiversity upon which we rely for the food we eat, the water we drink and the air we breathe.</td>
<td>56%</td>
<td>57%</td>
</tr>
<tr>
<td><strong>NO NET LOSS.</strong> We should establish a “No Net Loss of Wilderness” policy that requires developers to avoid damaging America’s remaining wild places, or to compensate for unavoidable damage by restoring other natural places.</td>
<td>55%</td>
<td>53%</td>
</tr>
<tr>
<td><strong>30X30.</strong> We should set a national goal of protecting 30% of America's lands and ocean areas by 2030.</td>
<td>54%</td>
<td>41%</td>
</tr>
<tr>
<td><strong>INTERNATIONAL EFFORT.</strong> The United States should join countries around the world in setting a new global agreement to protect 30% of our lands and oceans by 2030.</td>
<td>51%</td>
<td>43%</td>
</tr>
<tr>
<td><strong>PROTECT HALF OF WHAT’S LEFT.</strong> We should set a goal of permanently protecting at least half of all remaining natural places in America.</td>
<td>50%</td>
<td>37%</td>
</tr>
<tr>
<td><strong>HALF FOR NATURE.</strong> We should protect at least half of America’s lands and ocean areas for nature.</td>
<td>46%</td>
<td>31%</td>
</tr>
<tr>
<td><strong>DOUBLE OPEN SPACE PROTECTIONS.</strong> We should double how much open space in America is permanently protected for public enjoyment.</td>
<td>38%</td>
<td>23%</td>
</tr>
</tbody>
</table>
Americans think conservation goals are probably realistic—more so for 30% by 2030.

Currently, only 12% of America’s lands and roughly a quarter of our oceans are being conserved as parks, wildlife refuges, open space, and other protected areas. To better safeguard our natural heritage, scientists recommend that we set a goal of protecting 30% of America’s lands and ocean areas by 2030, or roughly half of our remaining undeveloped natural areas.

<table>
<thead>
<tr>
<th>Definitely realistic goal</th>
<th>Probably realistic</th>
<th>Not realistic</th>
</tr>
</thead>
<tbody>
<tr>
<td>29%</td>
<td>44%</td>
<td>27%</td>
</tr>
</tbody>
</table>

Currently, only 12% of America’s lands and roughly a quarter of our oceans are being conserved as parks, wildlife refuges, open space, and other protected areas. Scientists say that to protect most remaining wildlife from extinction, at least half of all lands and ocean areas should be conserved in their natural state.

<table>
<thead>
<tr>
<th>Definitely/probably realistic goal:</th>
<th>30% by 2030</th>
<th>At least half</th>
</tr>
</thead>
<tbody>
<tr>
<td>All voters</td>
<td>73%</td>
<td>67%</td>
</tr>
<tr>
<td>Democrats</td>
<td>83%</td>
<td>78%</td>
</tr>
<tr>
<td>Independents</td>
<td>78%</td>
<td>68%</td>
</tr>
<tr>
<td>Republicans</td>
<td>61%</td>
<td>54%</td>
</tr>
<tr>
<td>Strong supporters</td>
<td>91%</td>
<td>90%</td>
</tr>
<tr>
<td>Soft supporters</td>
<td>74%</td>
<td>59%</td>
</tr>
</tbody>
</table>
Speaker’s Contact Information

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Policy Advisor

AZA Covid-19 Information Link

https://www.aza.org/covid-19-resources
Thank you!

This Webinar is funded by the Gordon and Betty Moore Foundation

This webinar has been recorded. To rewatch it or share it with a friend or colleague, it is posted at www.theoceanproject.org.

A PDF version of the slides also will be available on our website.

If you have any follow up questions, need information or advice on possible engagement activities, please contact Tom Adams at tadams@theoceanproject.org.

Next Webinar on May 1, 2020
30x30 Part 2
Click Here to Watch:

Enric Sala 30x30 Keynote at AZA 2019

*Video 26 minutes*