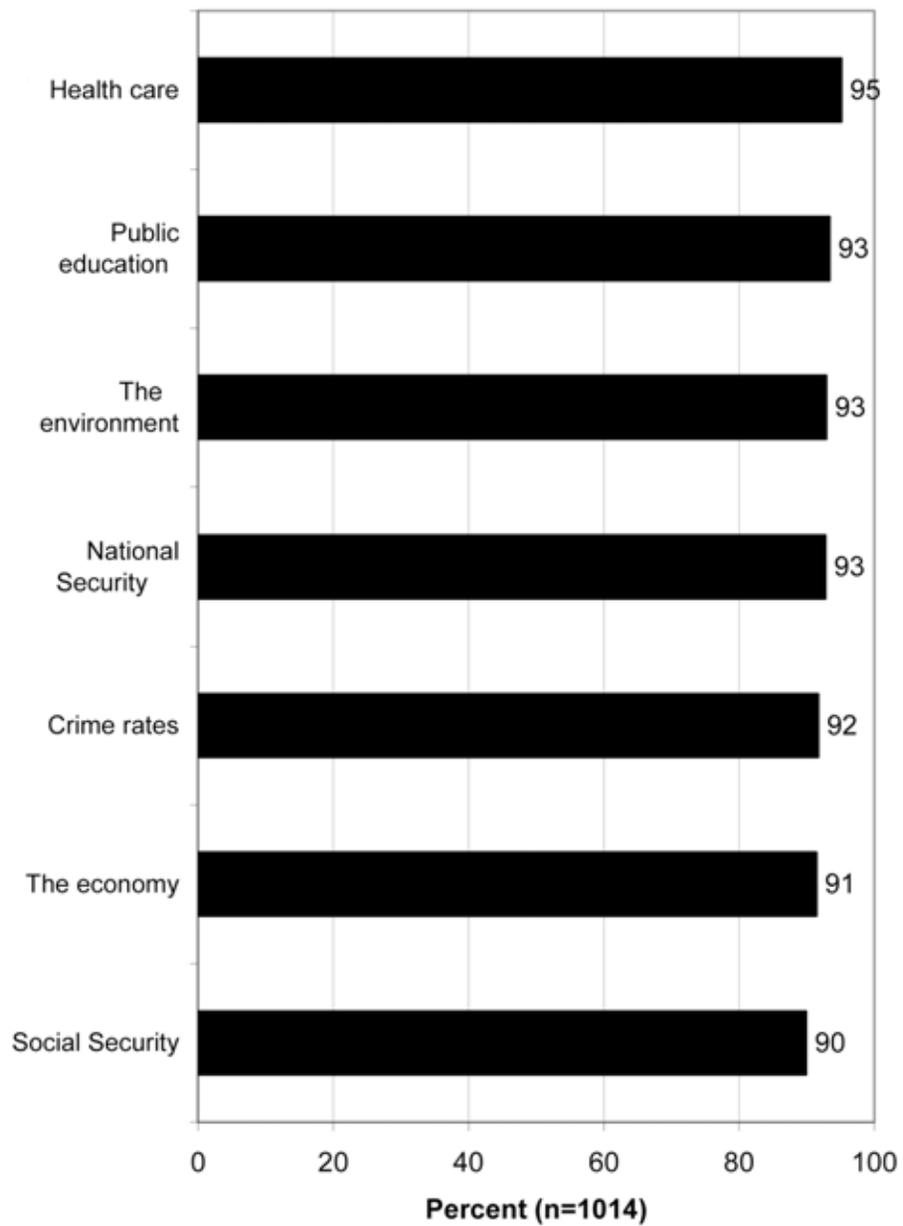


# AMNH Water Survey

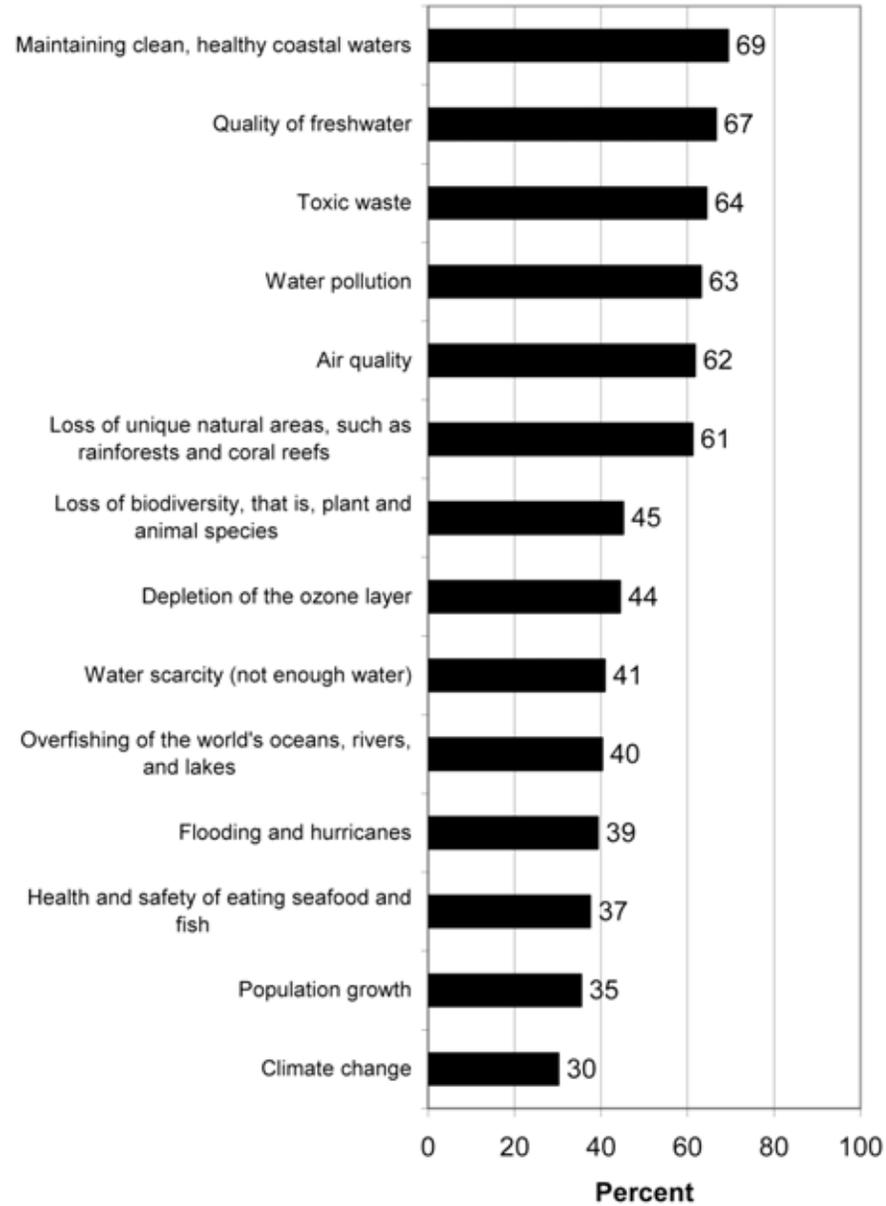
**AMERICANS' KNOWLEDGE OF AND ATTITUDES  
TOWARD WATER AND WATER-RELATED ISSUES**



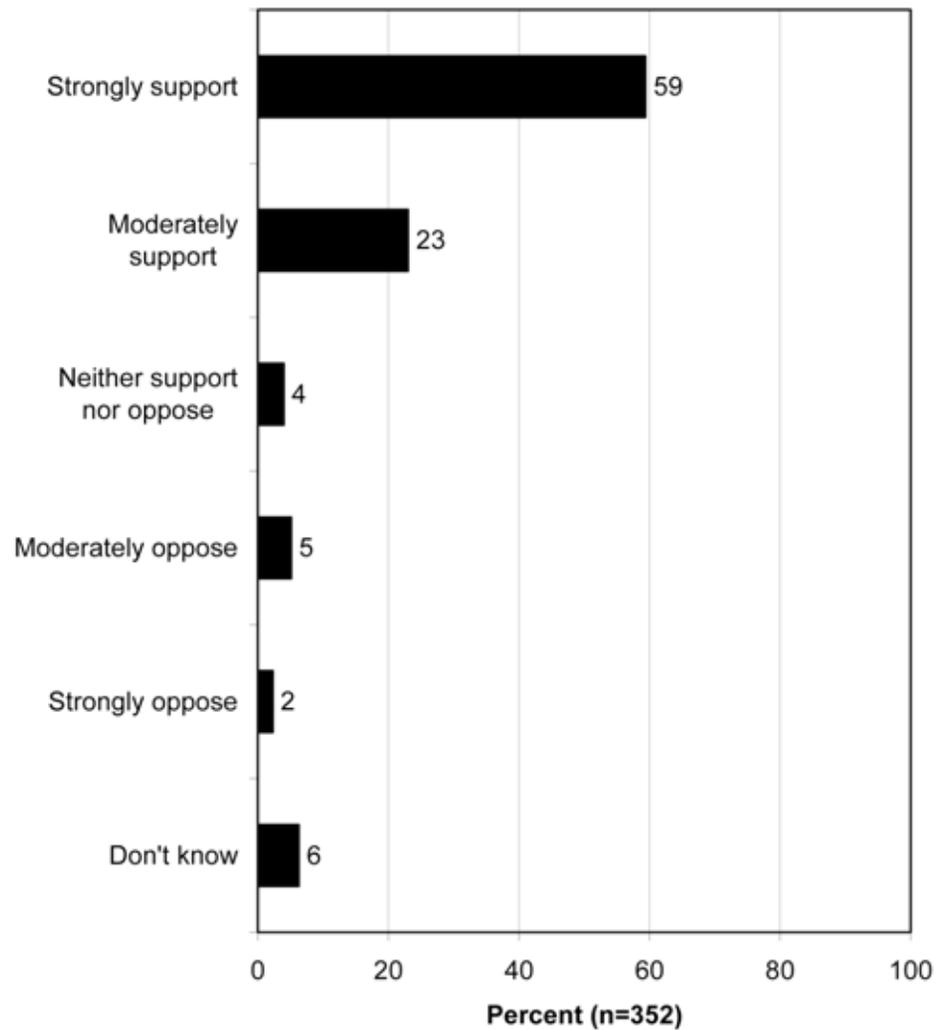
**Percent who are very or somewhat concerned about the following in the U.S.**



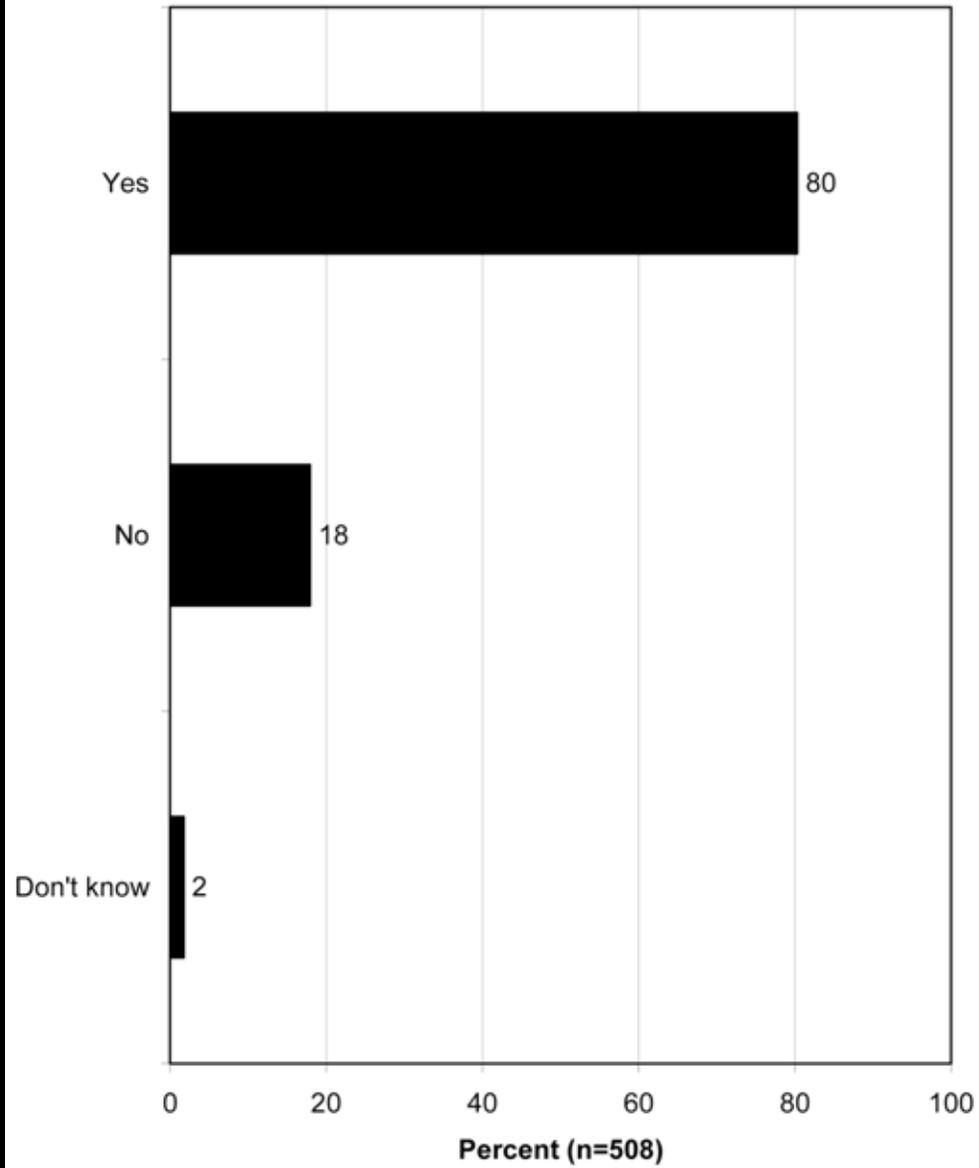
**Percent who are very concerned about the following.**



**Would you support or oppose designating additional areas of the oceans as fully protected by law (from major human impacts, such as fishing, mining, pollution, and boat noise)? This would protect marine species and provide untouched places for scientific study of oceans.**

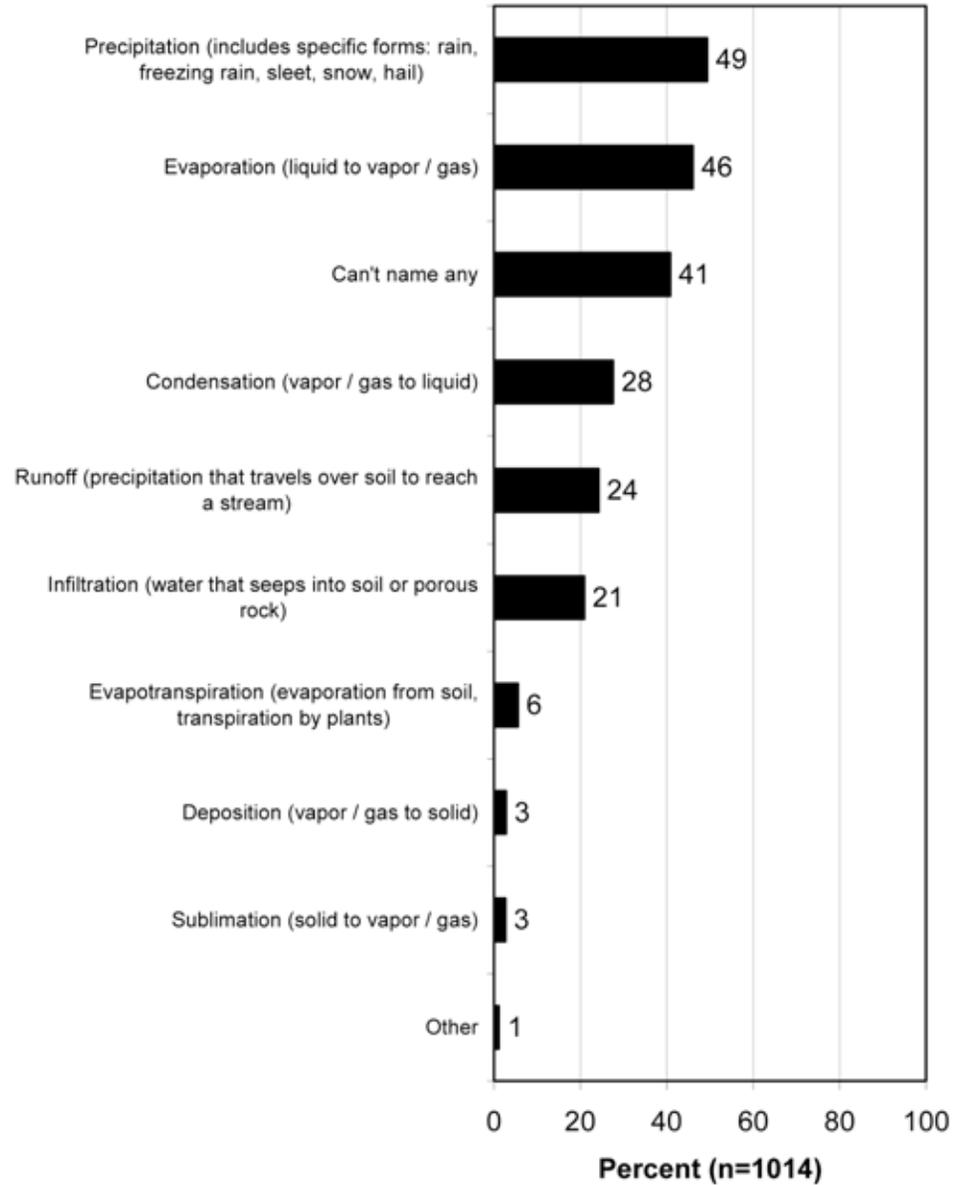


**Do you believe that your actions can make a positive difference in water health and water conservation in the world?**

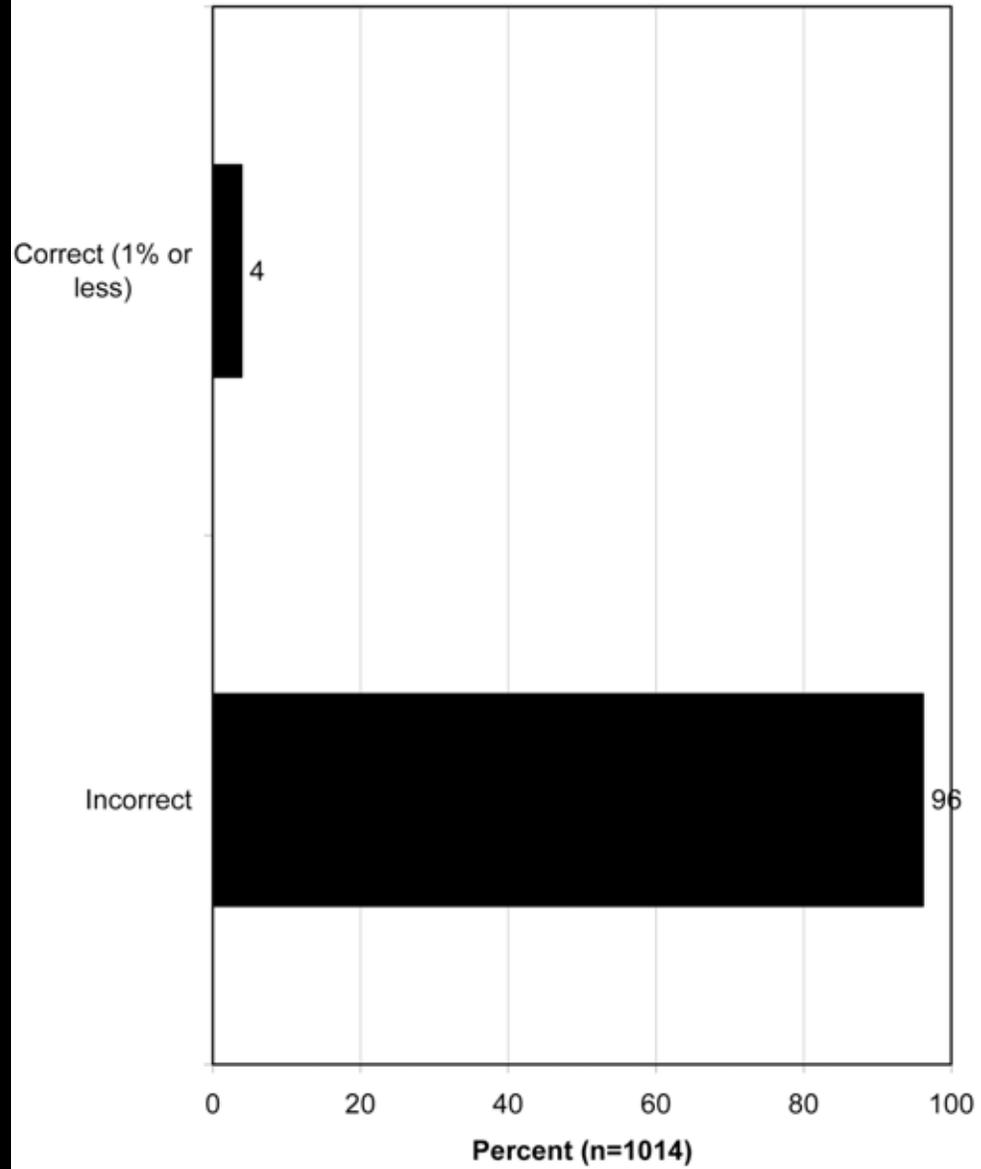


Please tell me as many components, or steps, of the water cycle as you can think of.

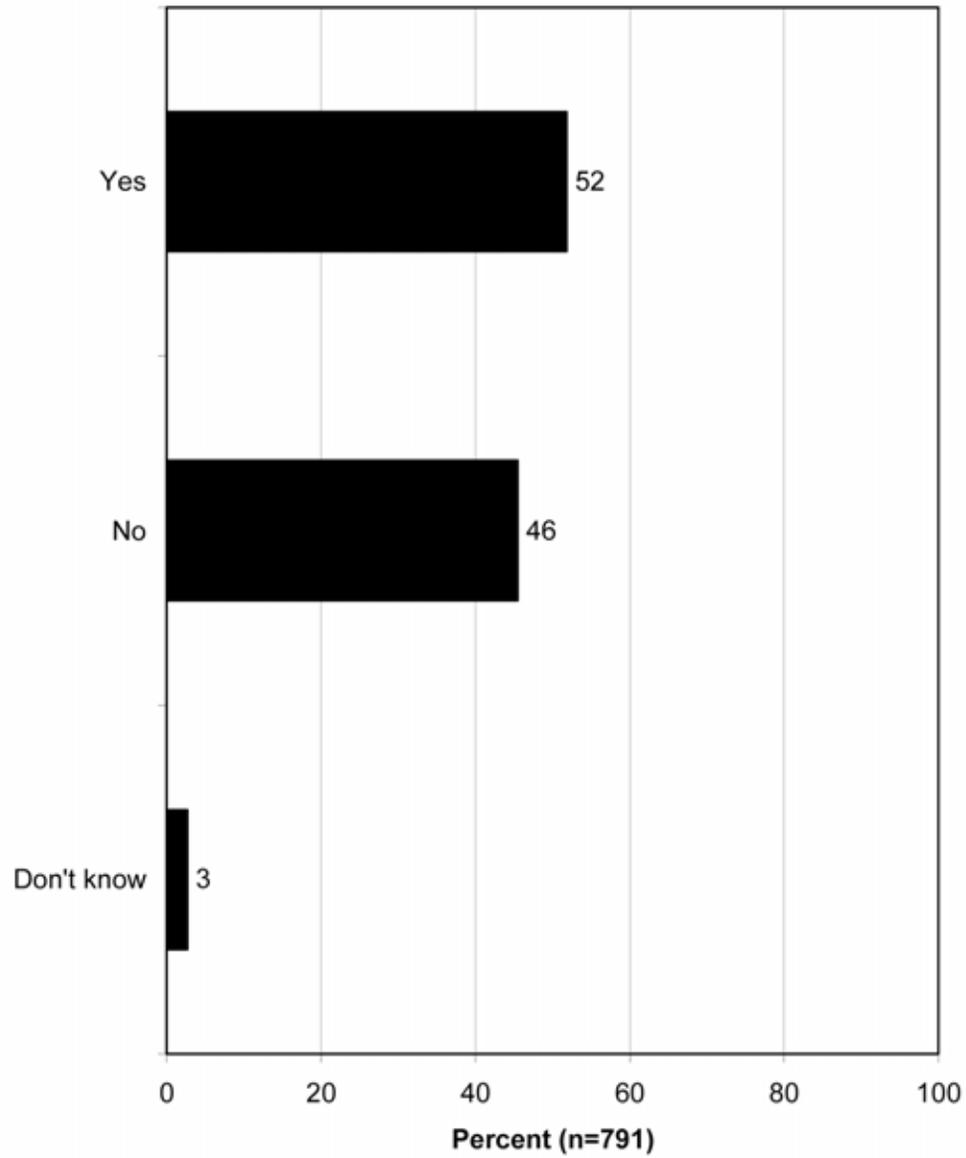
Multiple Responses Allowed



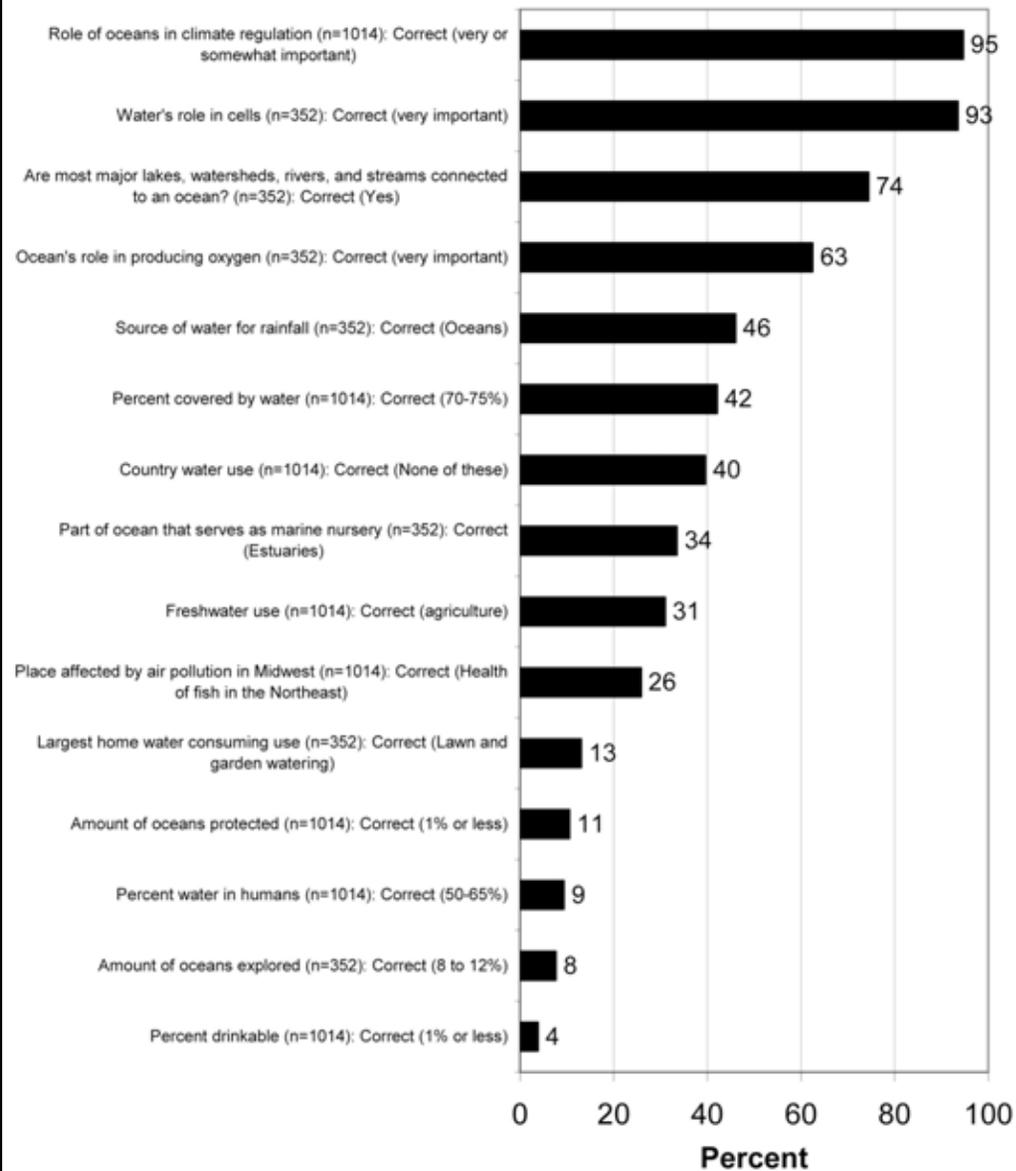
### What percent of the earth's water is drinkable?



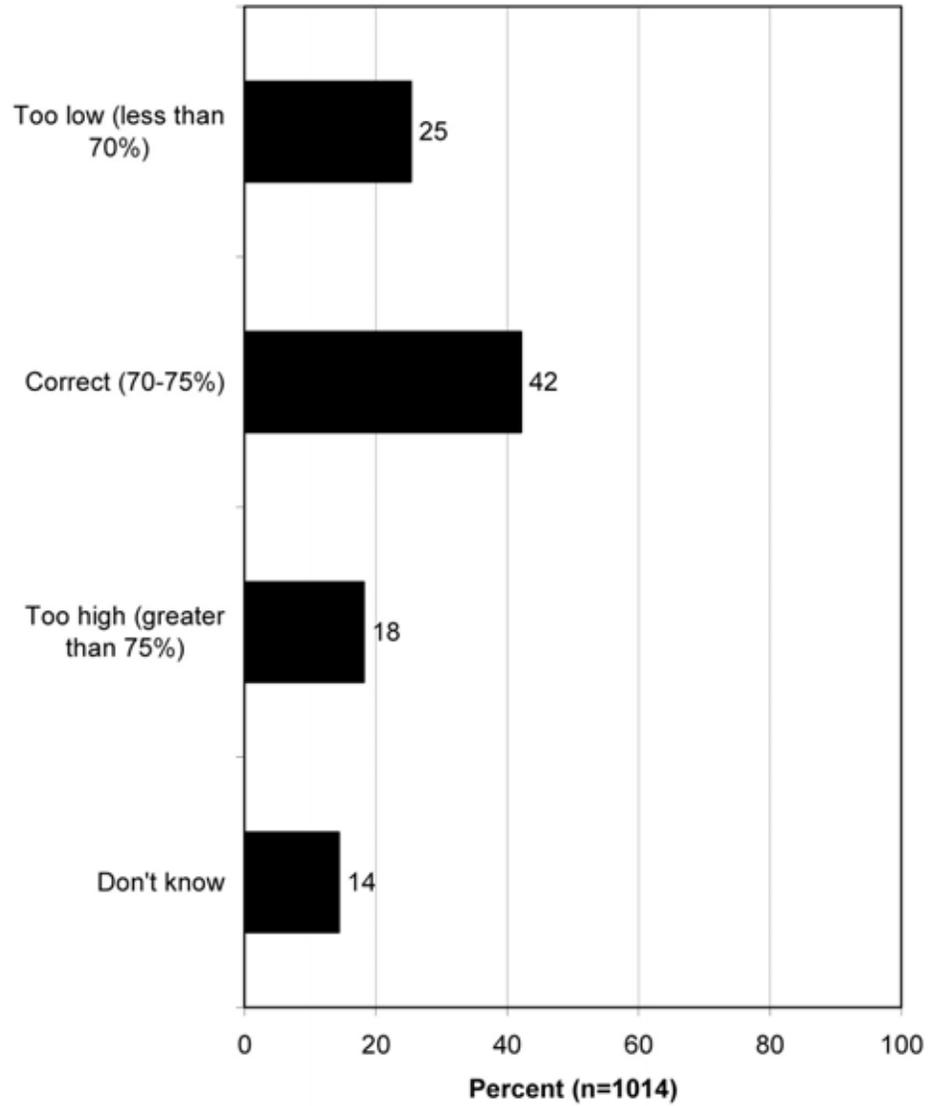
**Q58. Do you know the source of your municipality's water? (Asked of those on a municipal water system.)**



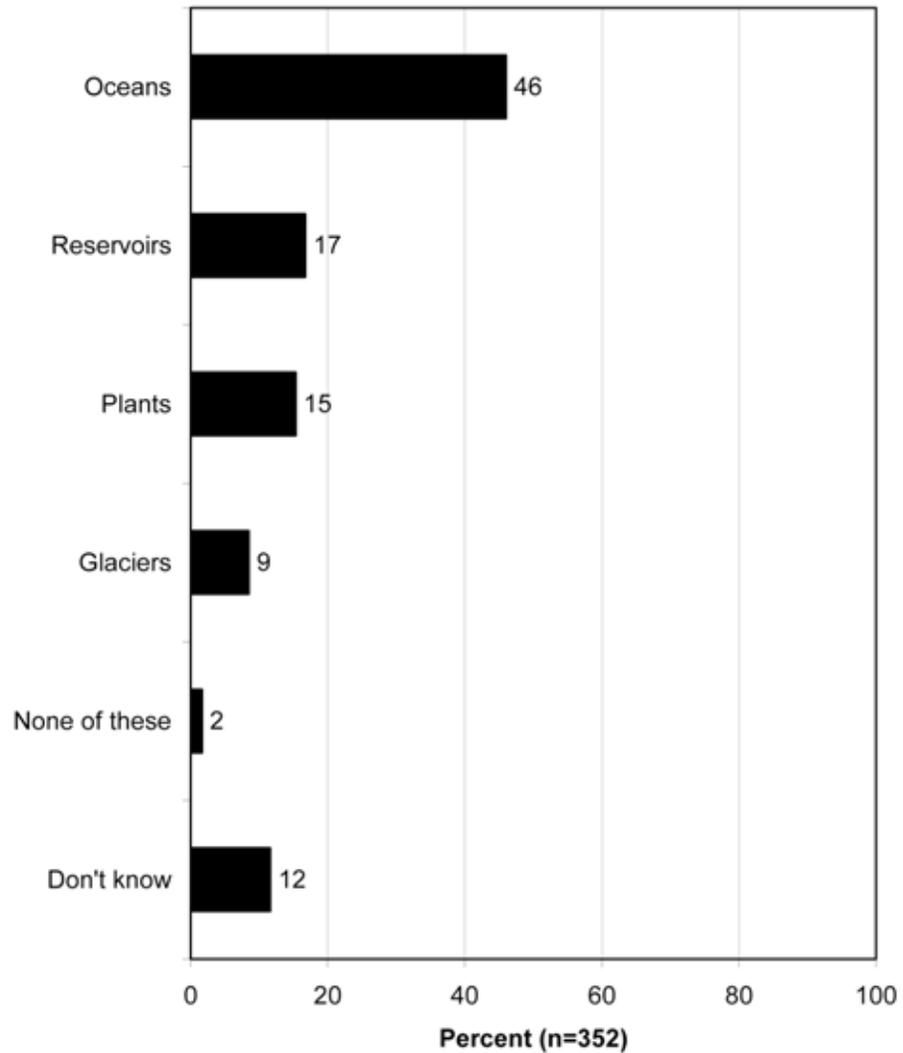
## Correct answers



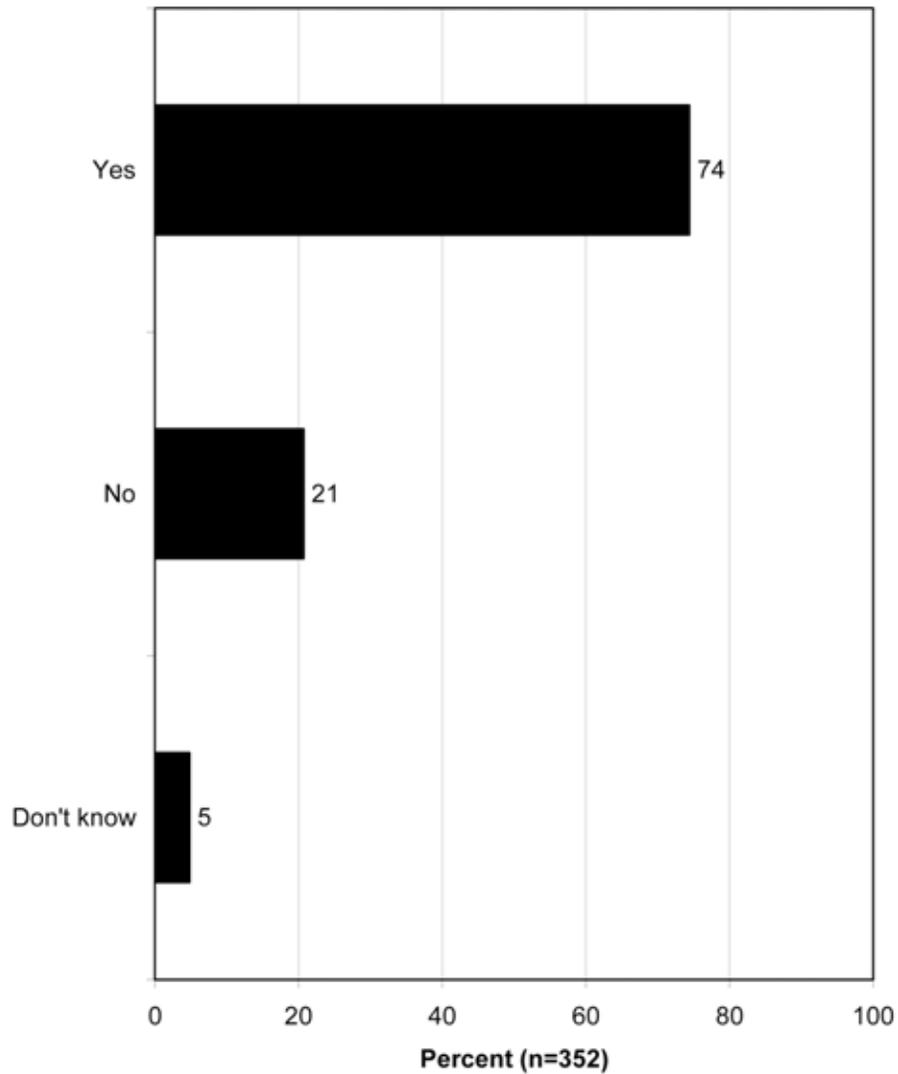
**What percent of the earth's surface is covered by water?**



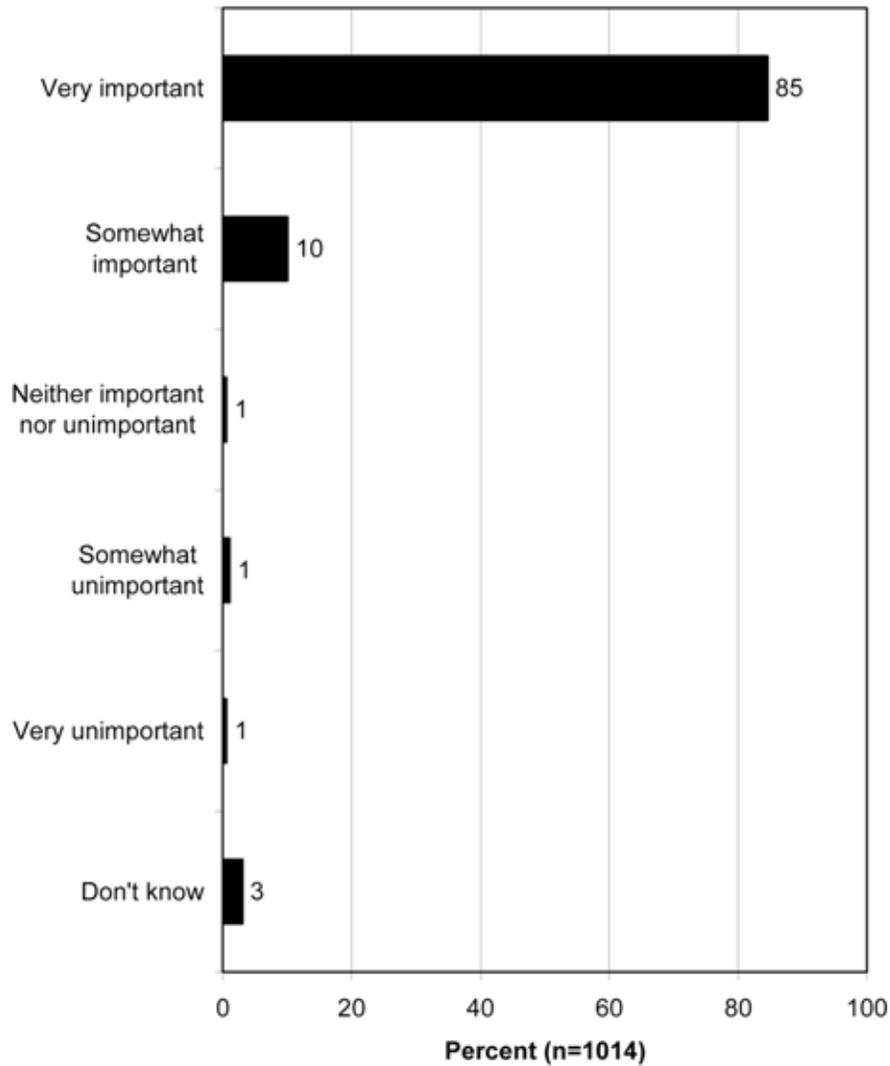
As far as you know, where does most of the water that evaporates into the atmosphere and drives the water cycle come from? Would you say plants, glaciers, oceans, or reservoirs?



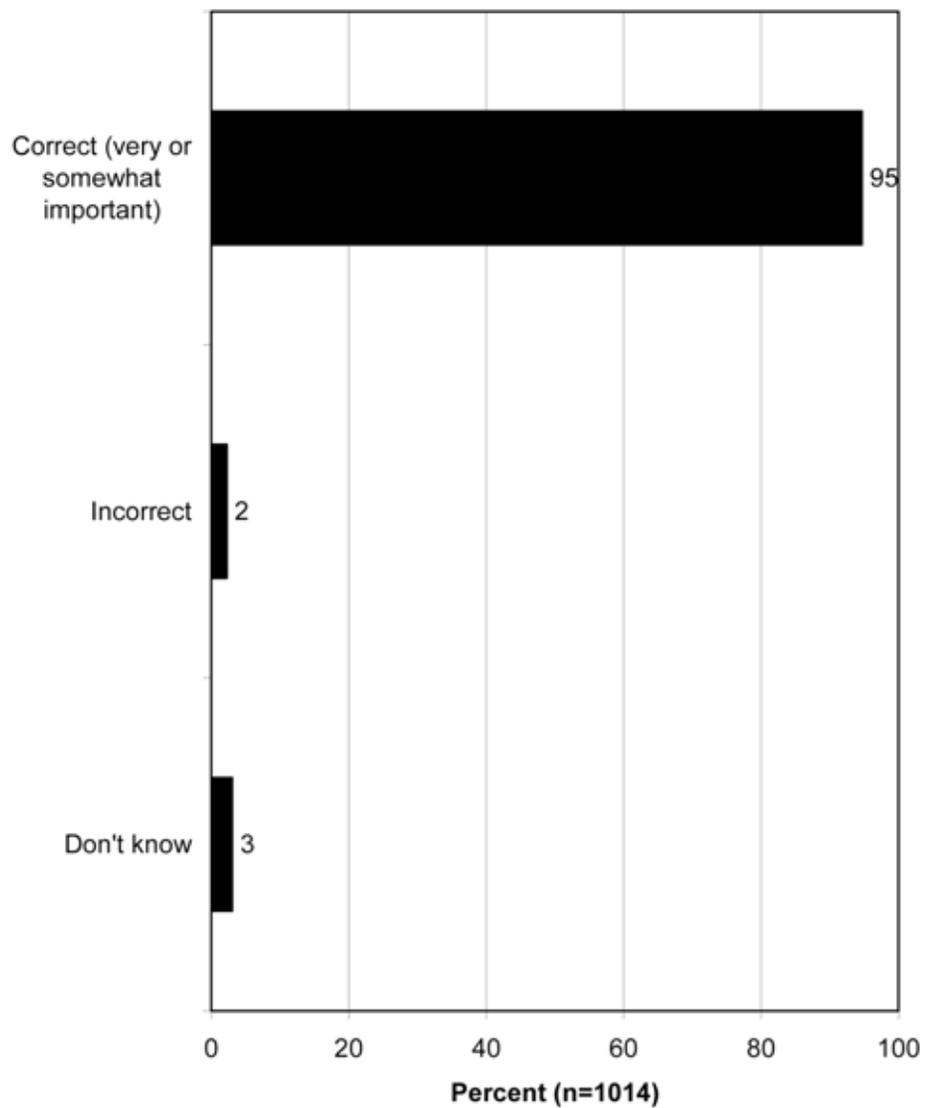
**In your understanding, are most major lakes, watersheds, rivers, and streams connected to an ocean?**



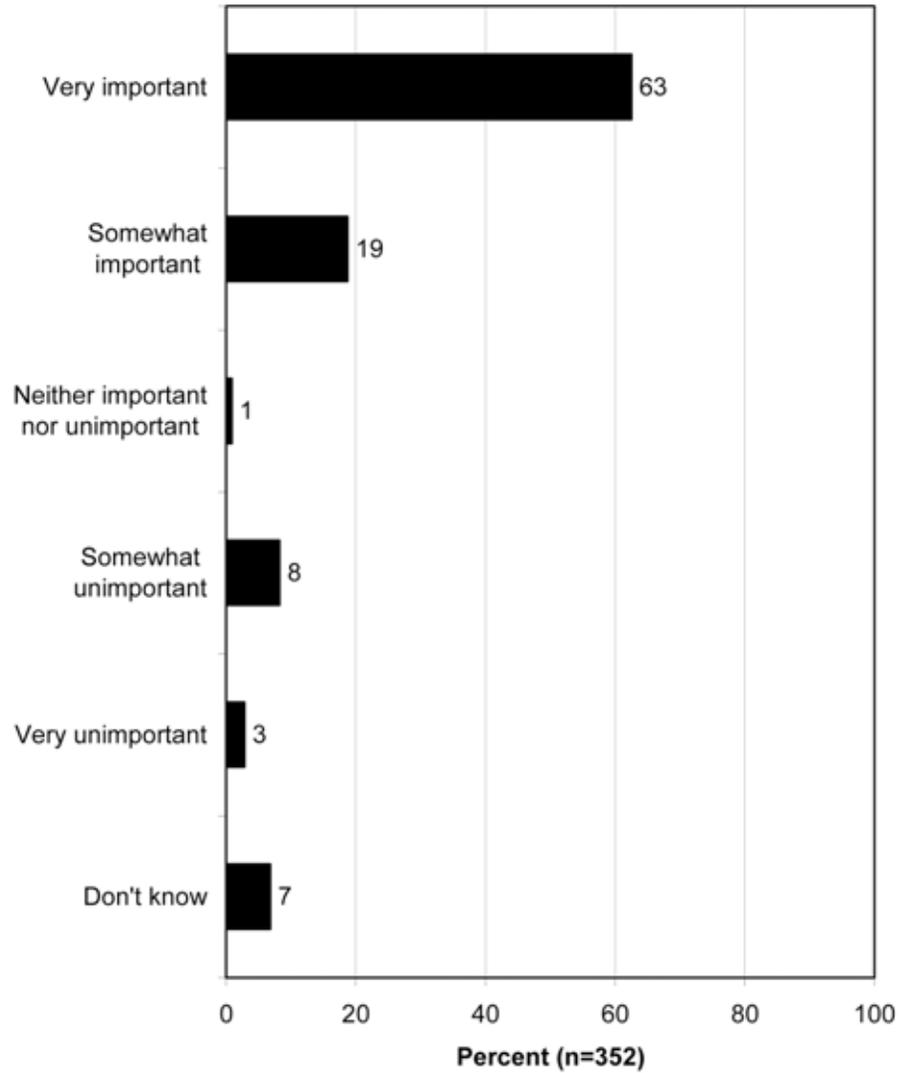
**Do the oceans have an important or unimportant role in regulating climate?**



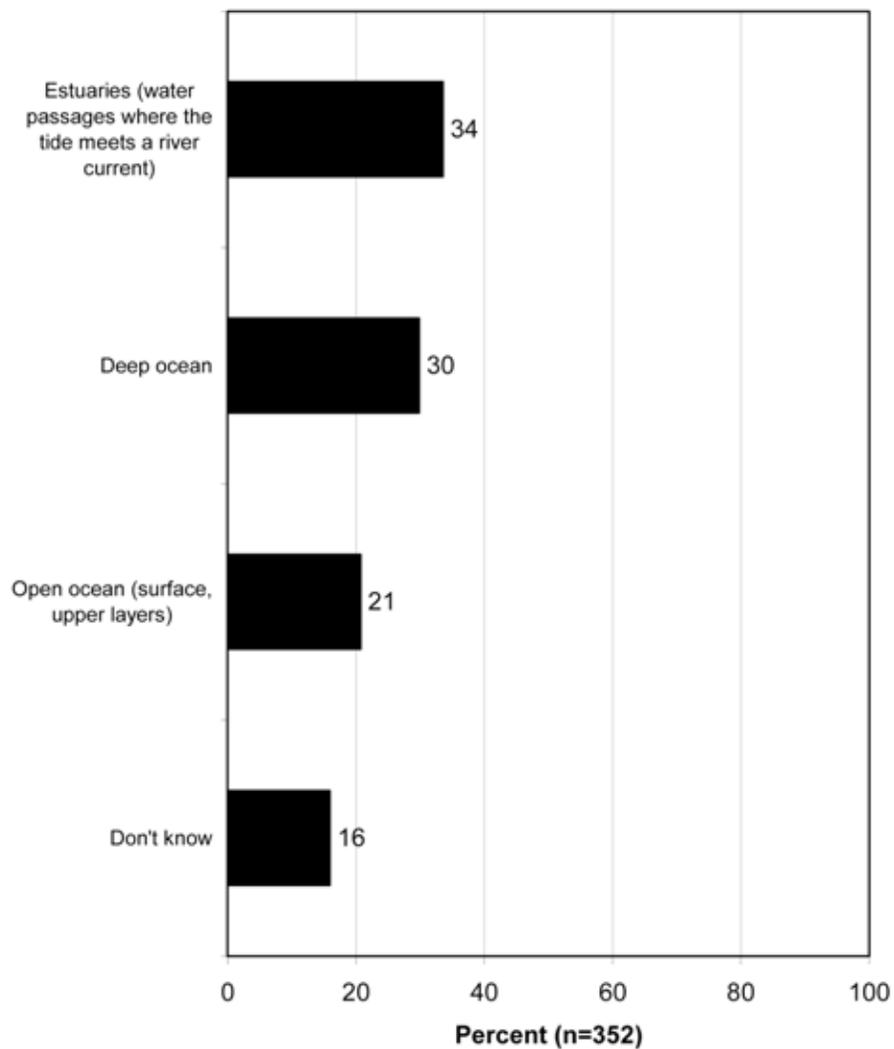
**Do the oceans have an important or unimportant role in regulating climate?**



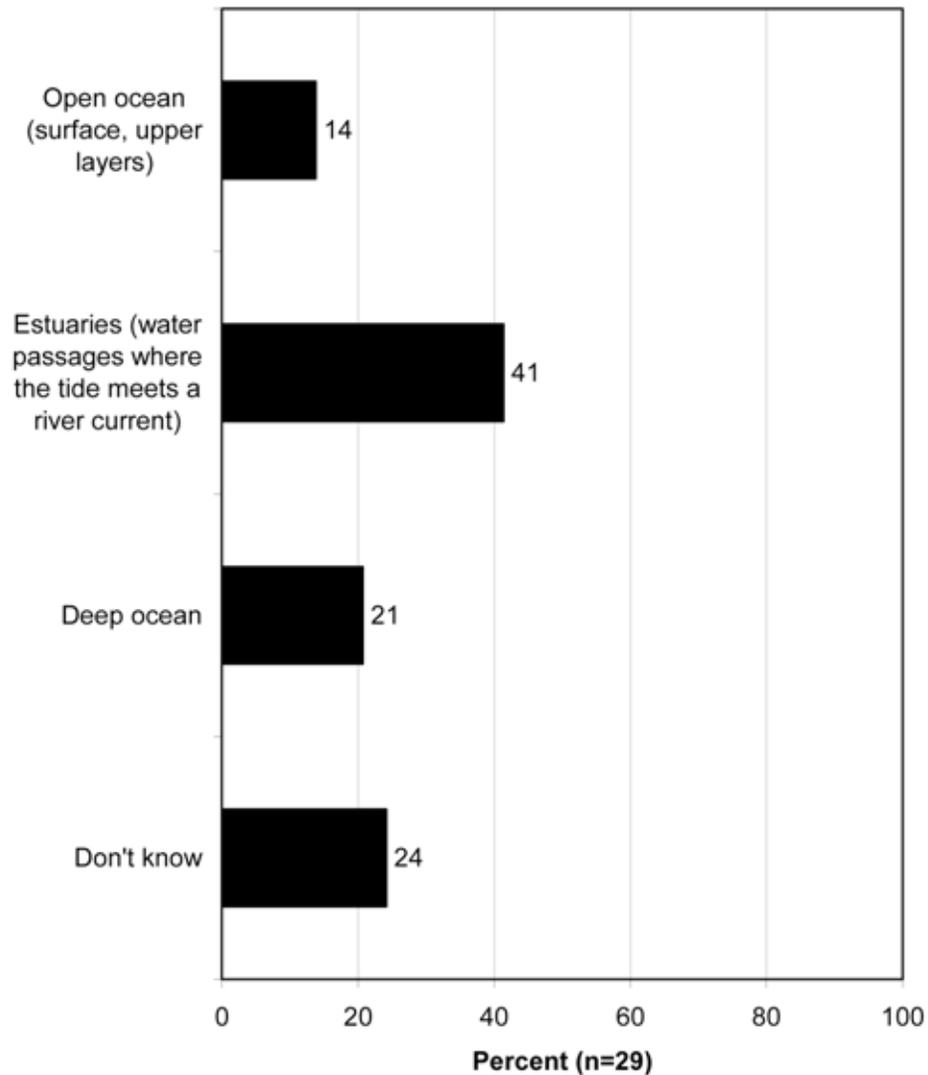
**Do the oceans have an important or unimportant role in producing oxygen for the air we breathe?**



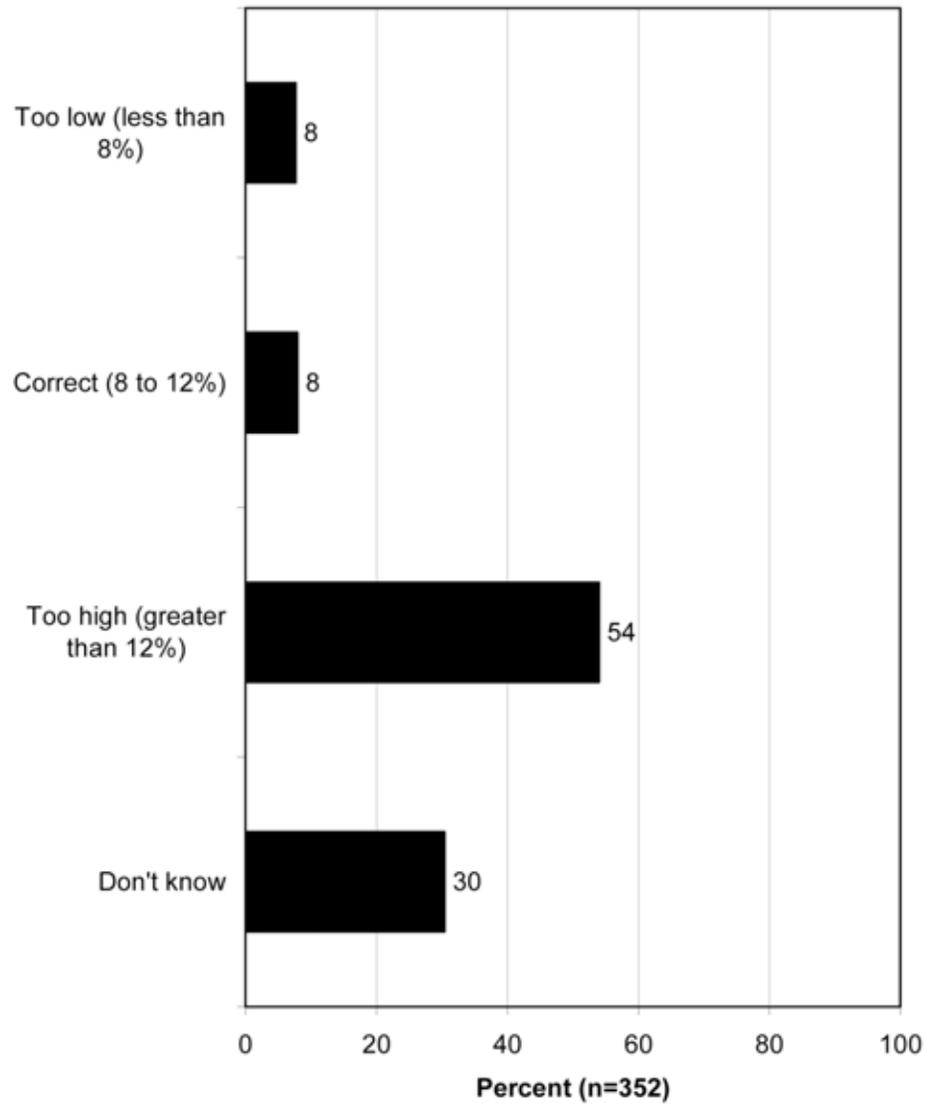
As far as you know, which part of the ocean provides important nursery areas for many marine species? Would you say open ocean, estuaries, or deep ocean?



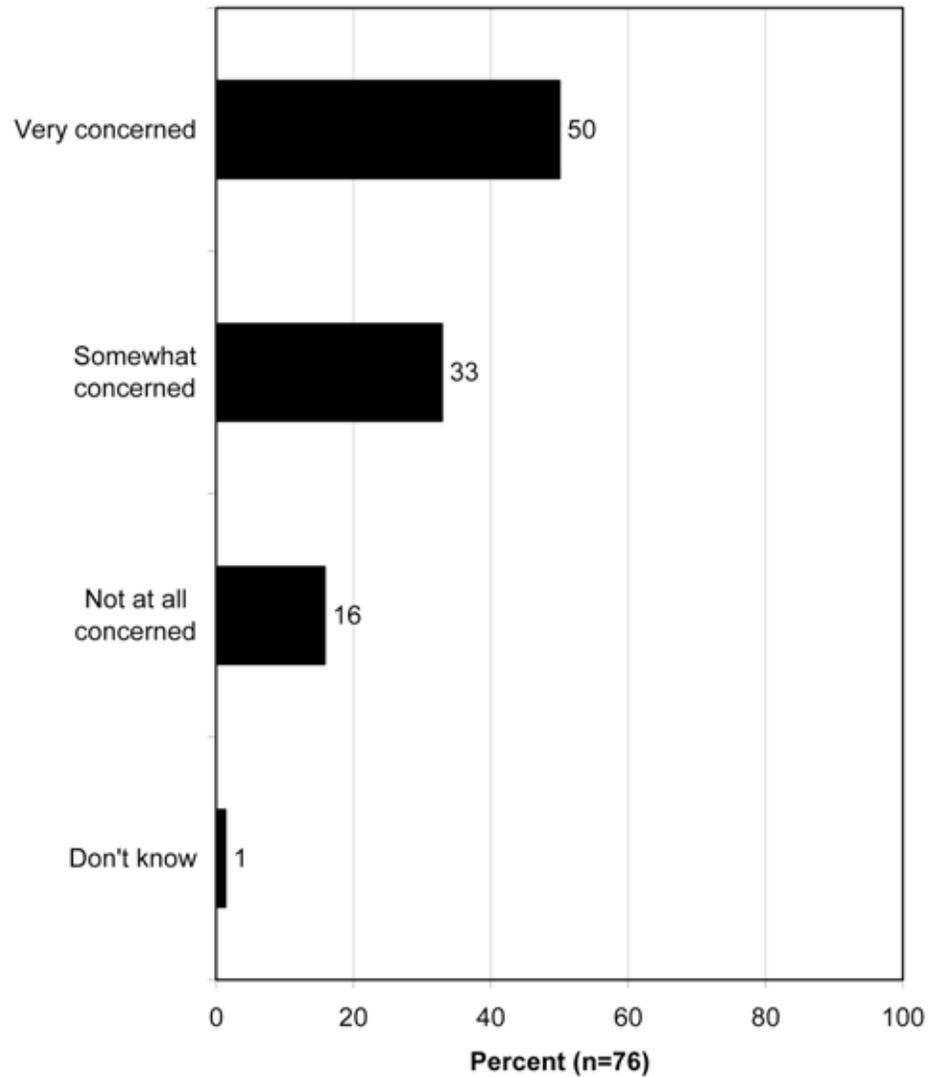
**As far as you know, which part of the ocean provides important nursery areas for many marine species? Would you say open ocean, estuaries, or deep ocean? (Among residents of MD, VA, DE, NJ, WA, OR).**



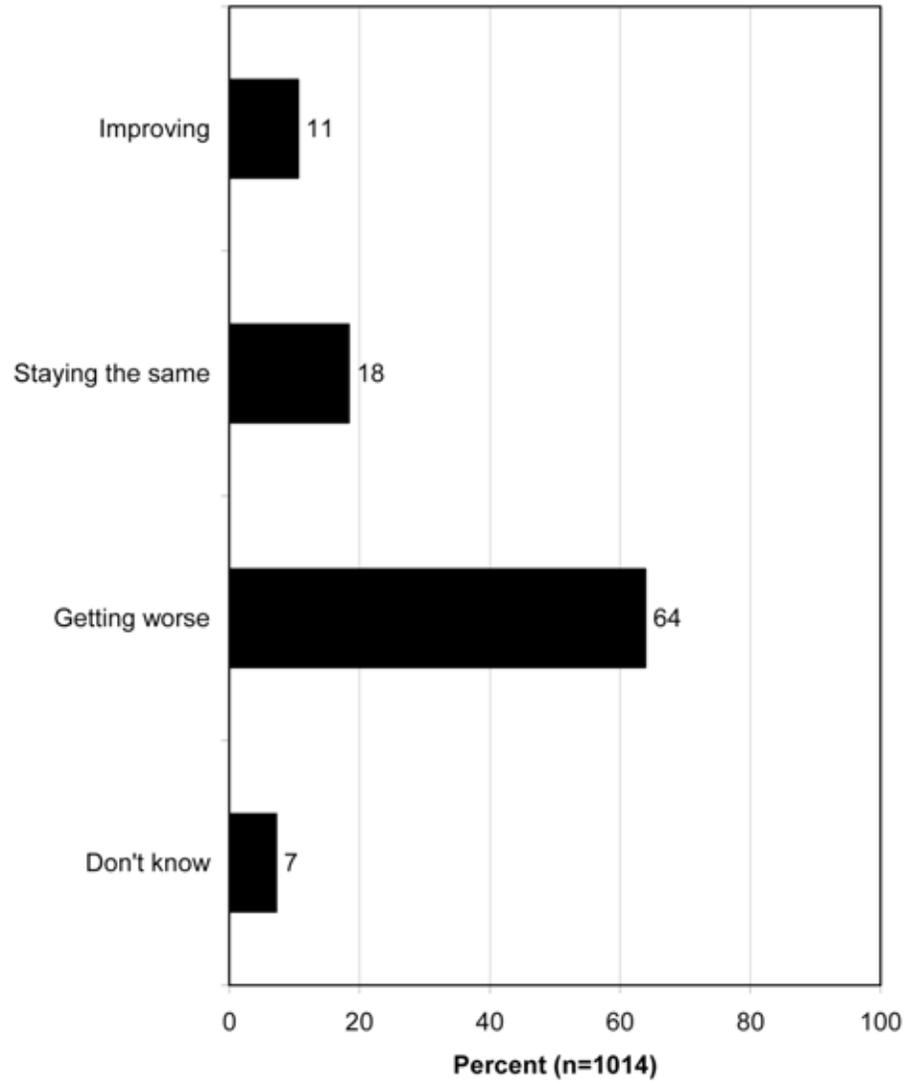
**As far as you know, about what percent of the oceans have been explored?**



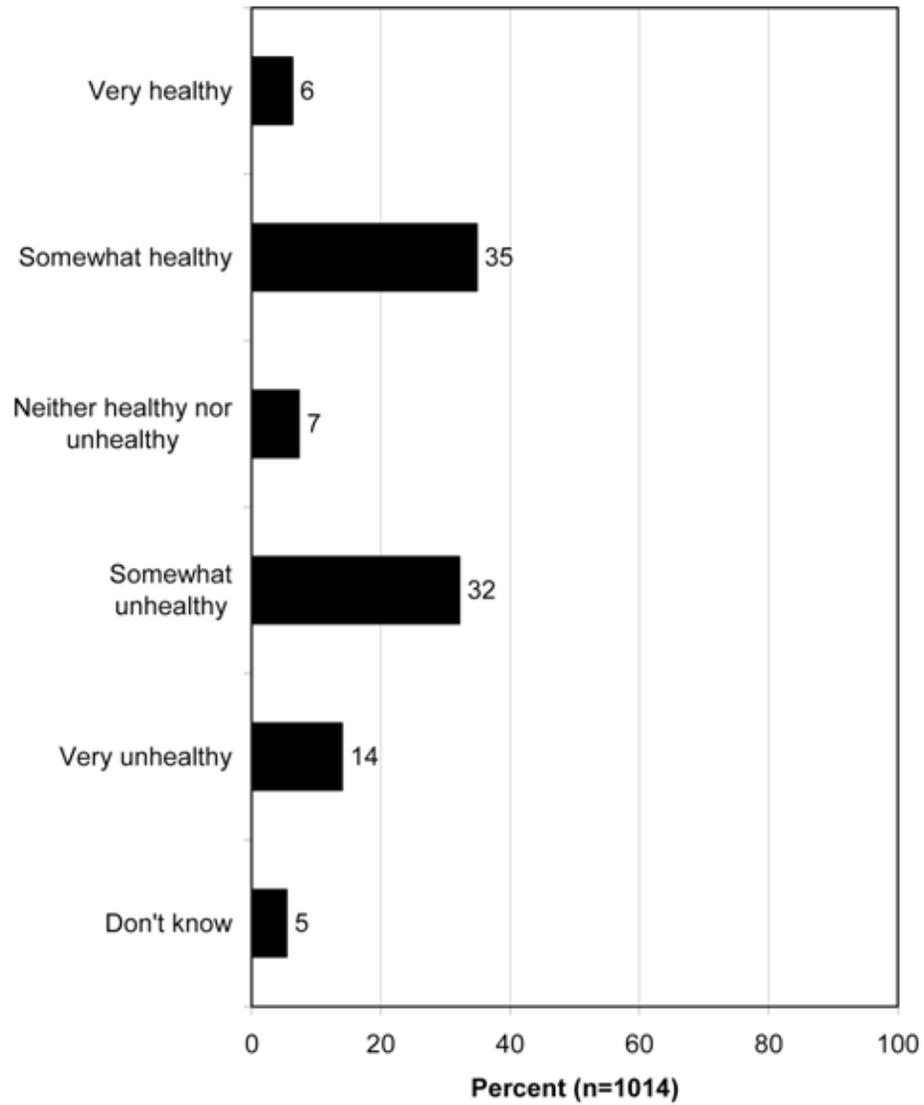
**Are you very, somewhat, or not at all concerned about flooding and hurricanes? (Among southern coastal states most prone to hurricanes - LA, MS, AL, FL, GA, SC, NC, VA, MD, DE, and NJ.)**



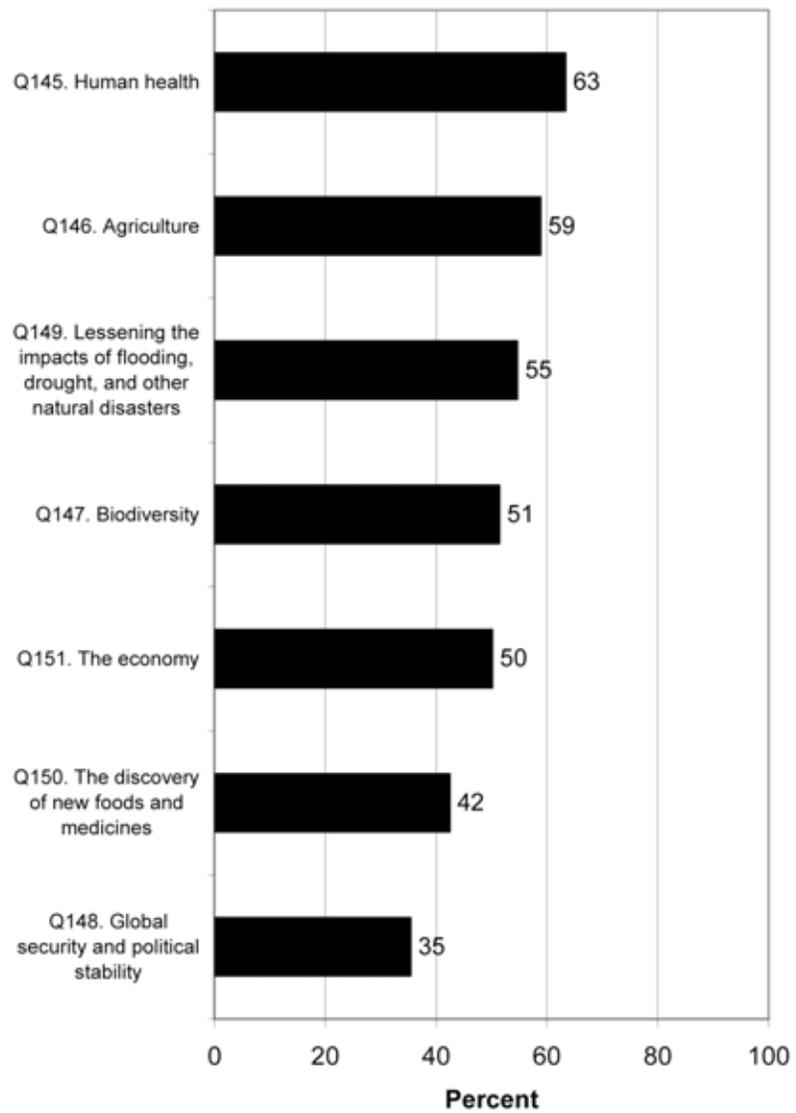
**Overall, do you believe that the health of the world's waters is improving, staying the same, or getting worse?**



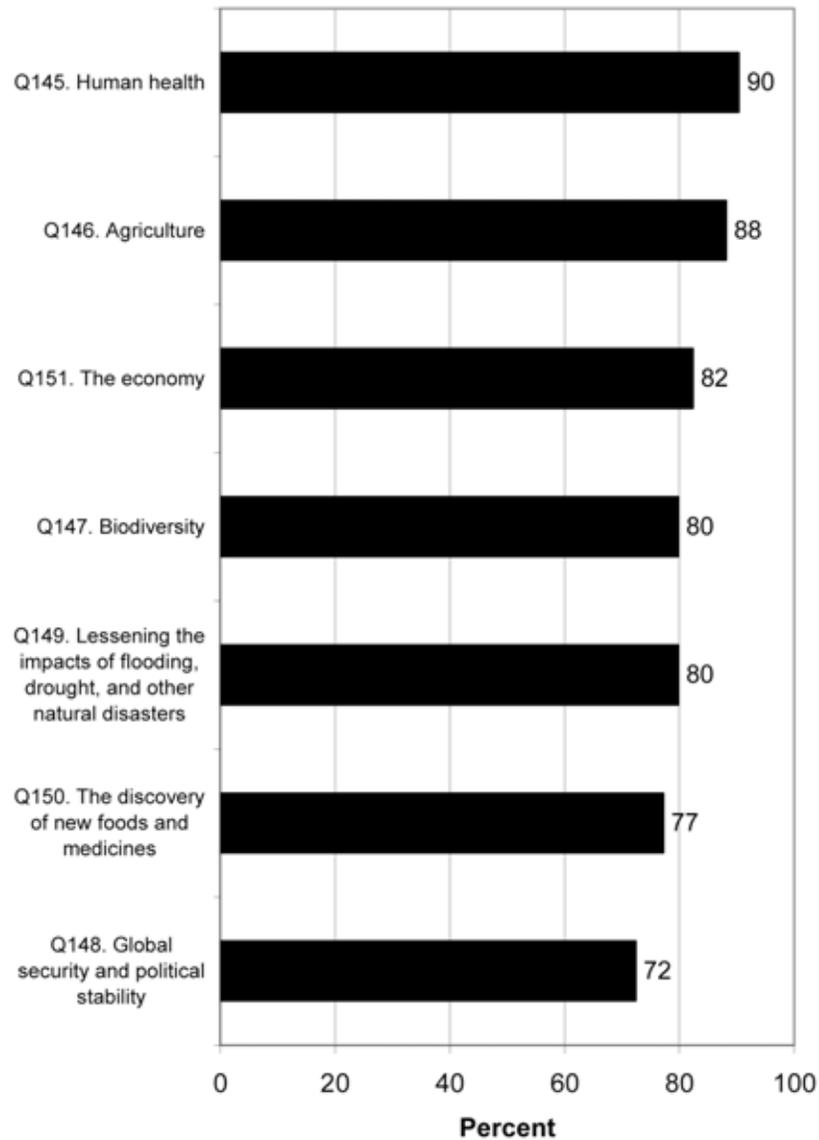
**Would you say that water resources in the U.S., including oceans, rivers, lakes, and aquifers, are healthy or unhealthy?**



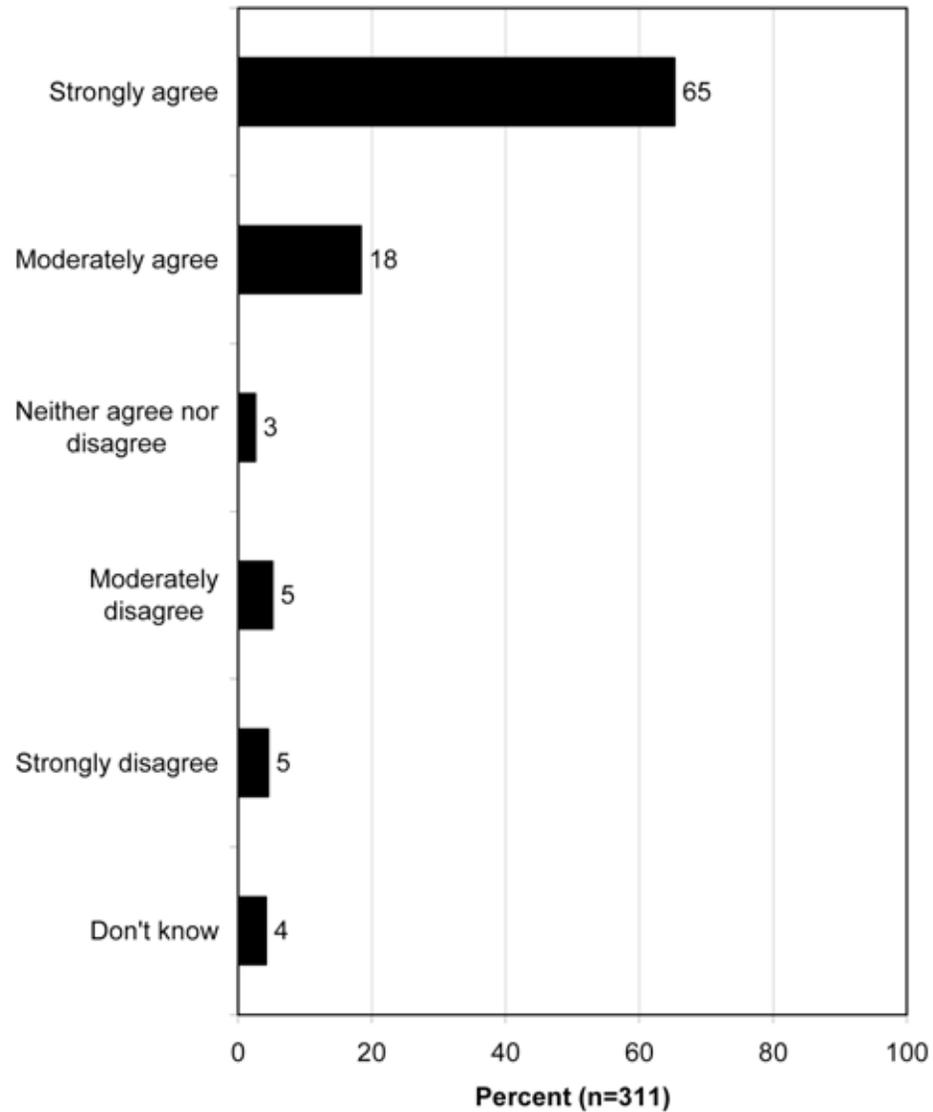
**Percent who think taking care of and protecting the world's waters and coastlines has a major impact on the following.**



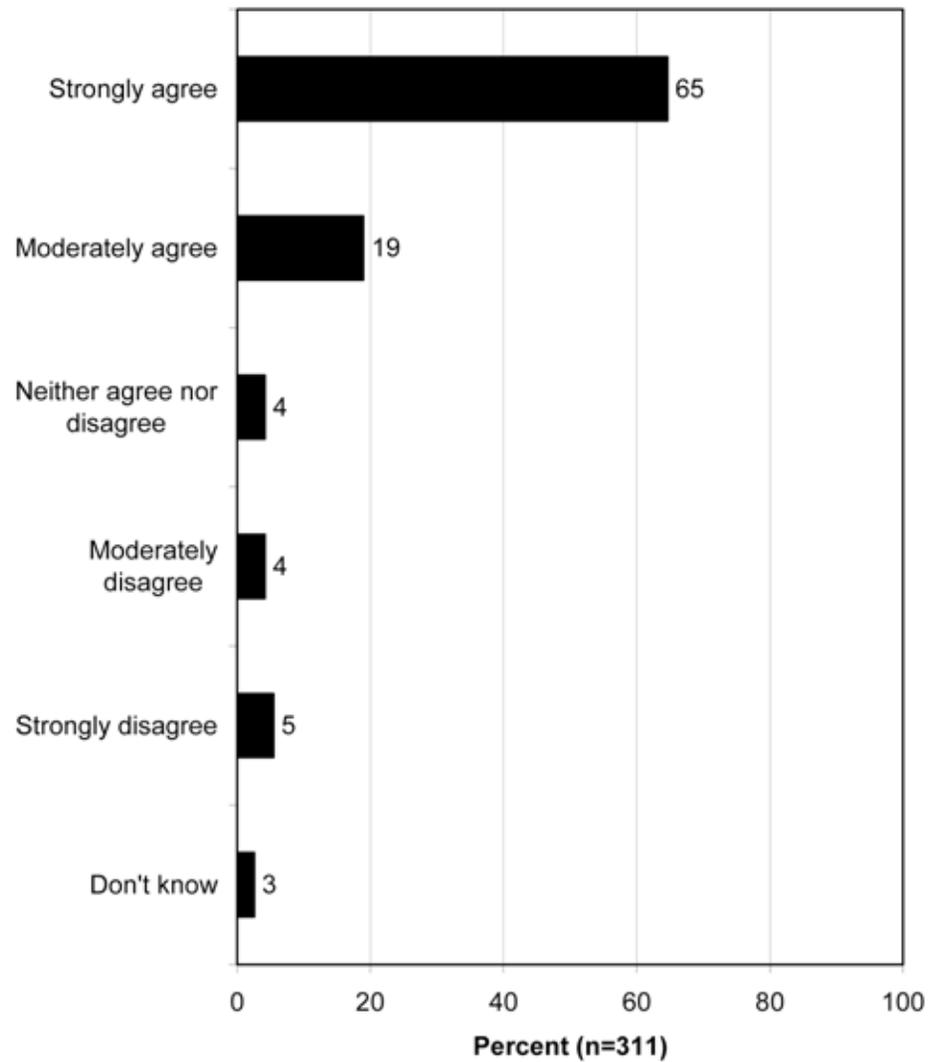
**Percent who think taking care of and protecting the world's waters and coastlines has a major or moderate impact on the following.**



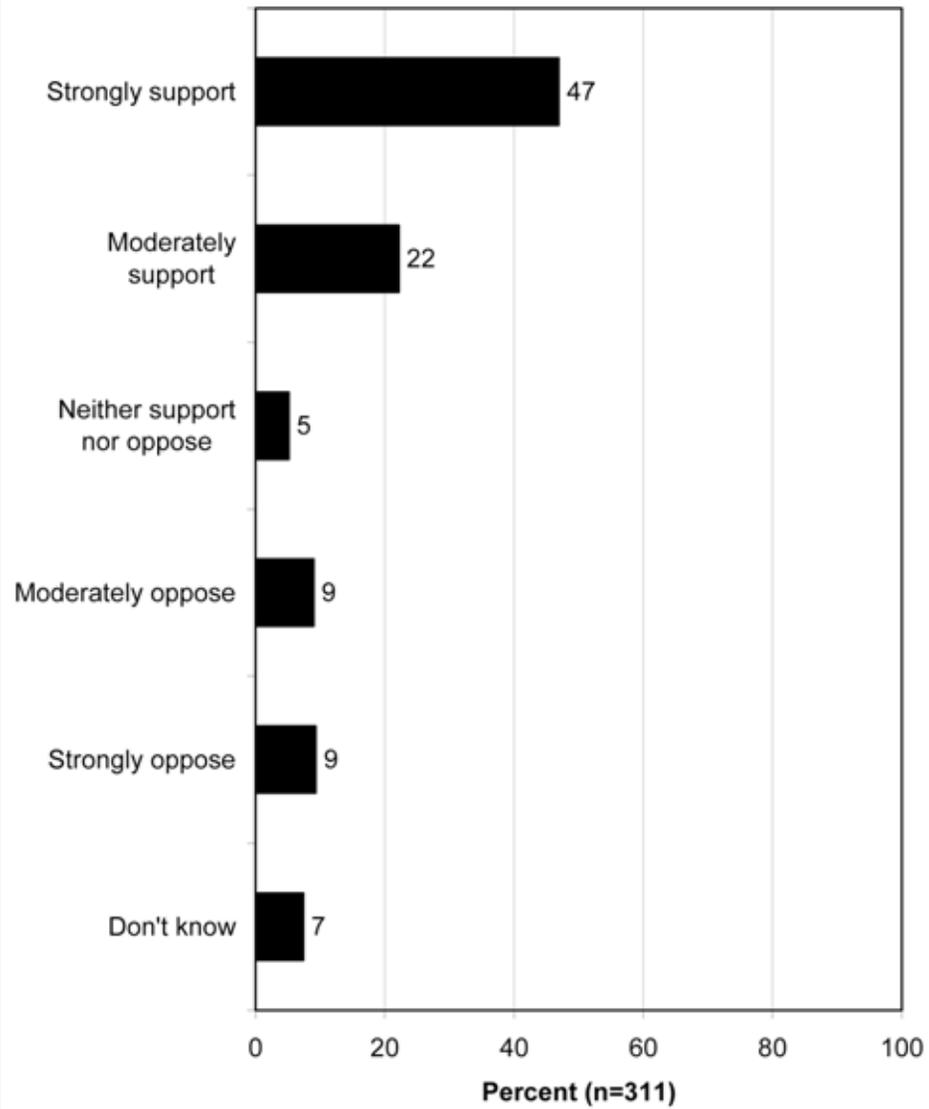
**Do you agree or disagree that the way that we use and develop coastal lands affects our vulnerability to damage from major natural events?**



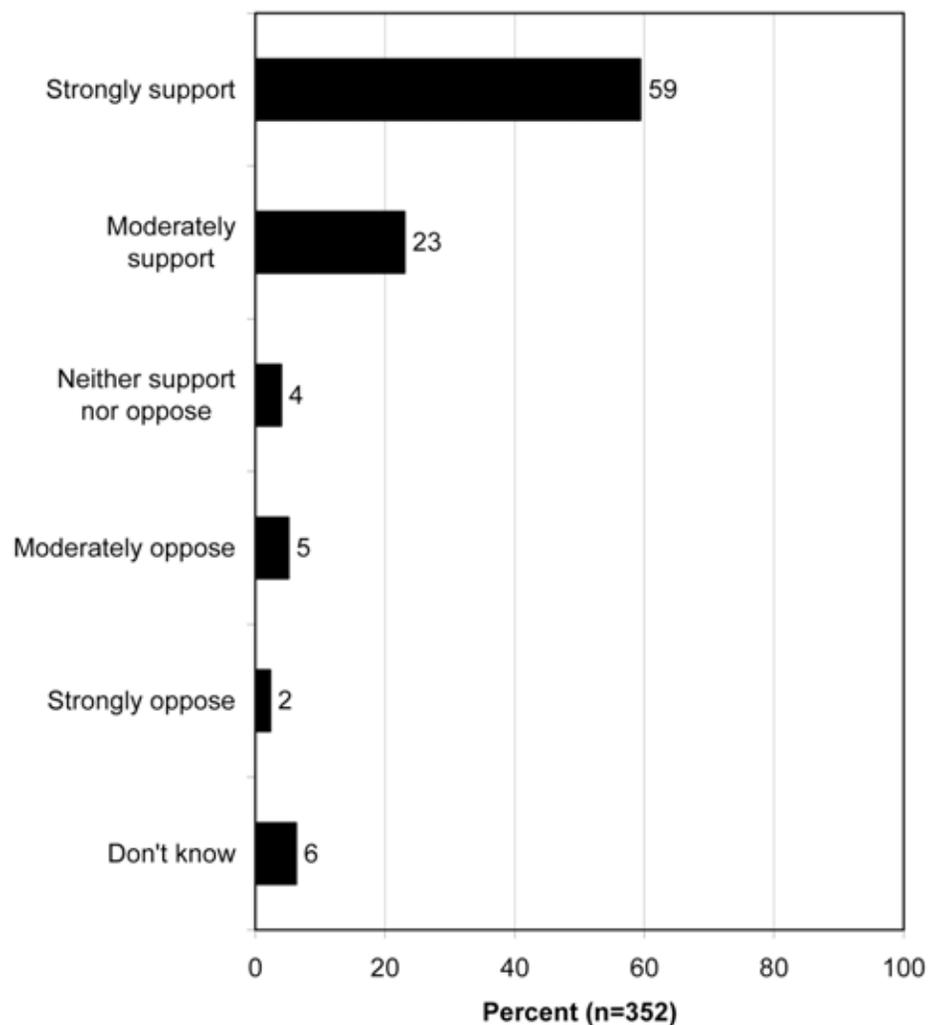
**In light of Hurricane Katrina and the tsunami in Southeast Asia, do you agree or disagree that we should change the ways in which we use and develop coastal land?**



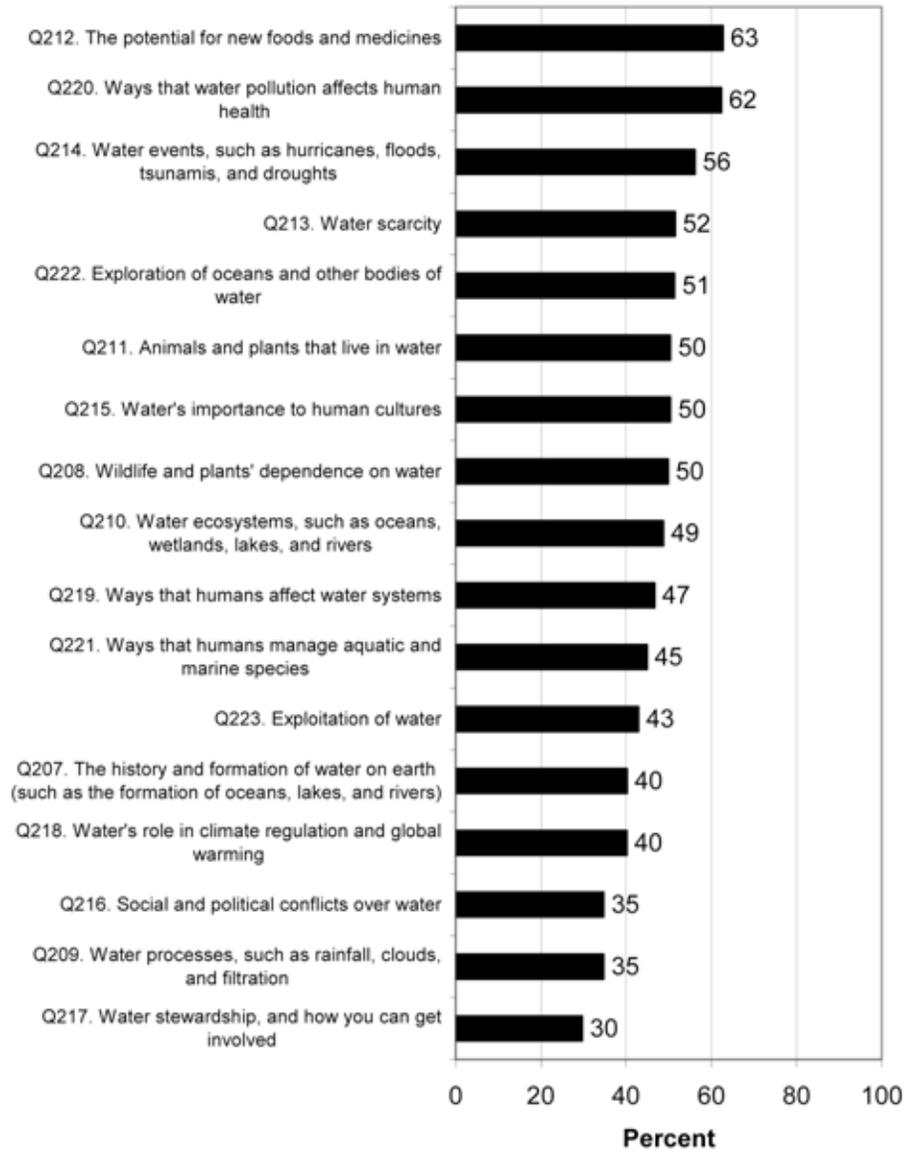
**Would you support or oppose restricting coastal development, even if that meant less housing would be available in coastal areas?**



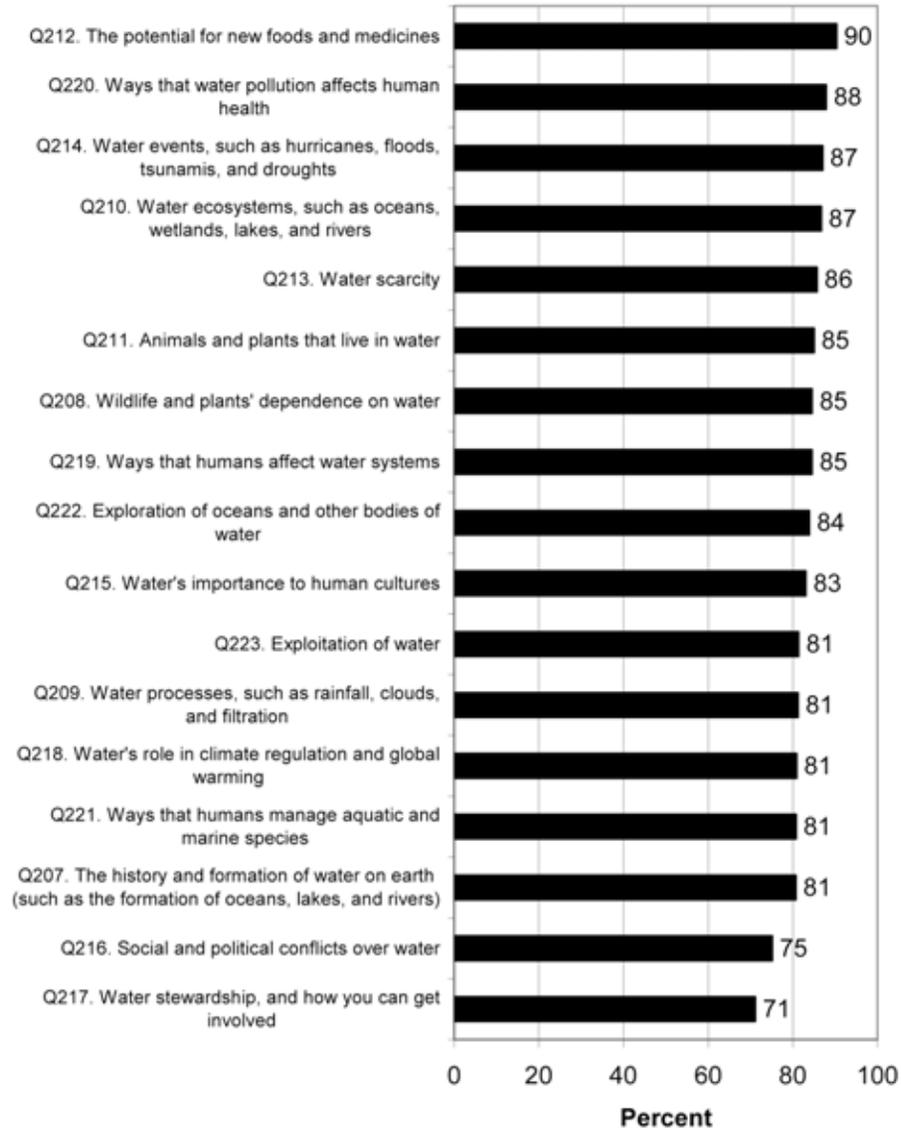
**Would you support or oppose designating additional areas of the oceans as fully protected by law (from major human impacts, such as fishing, mining, pollution, and boat noise)? This would protect marine species and provide untouched places for scientific study of oceans.**



**Percent who would be very interested  
in learning more about the following.**



**Percent who would be very or somewhat interested in learning more about the following.**





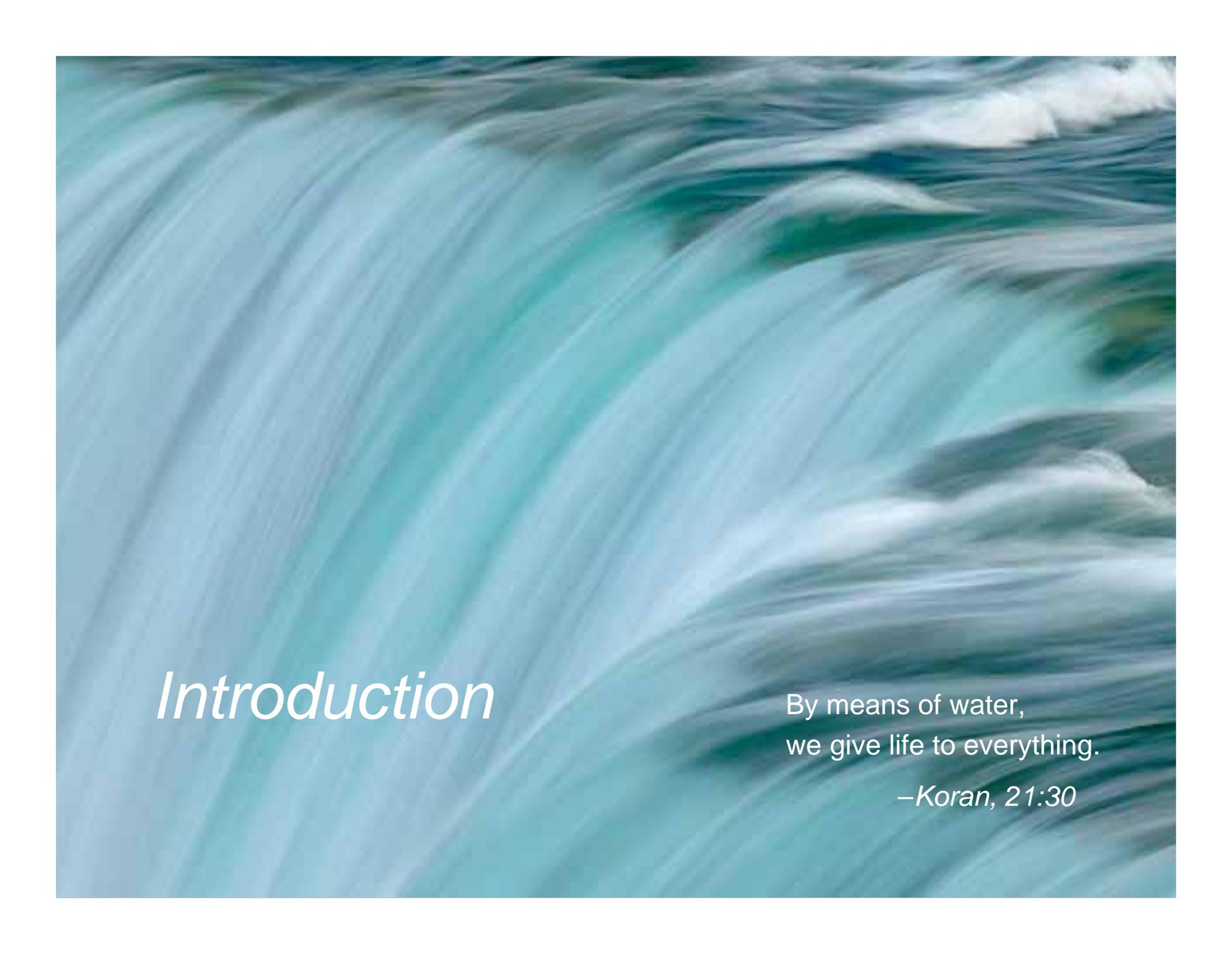
# Water

(Working title)  
Opening October 2007

# Water AMNH floor plan



Introduction



# *Introduction*

By means of water,  
we give life to everything.

*–Koran, 21:30*



## A single drop

“Whiskey is for drinking;  
water is for fighting over.”

*—Mark Twain, 1884*

# Water AMNH floor plan



Life in Water, Water in Life



*Life in Water,  
Water in Life*



Extreme  
water





Out of  
thin air



Staying cool,  
drying out



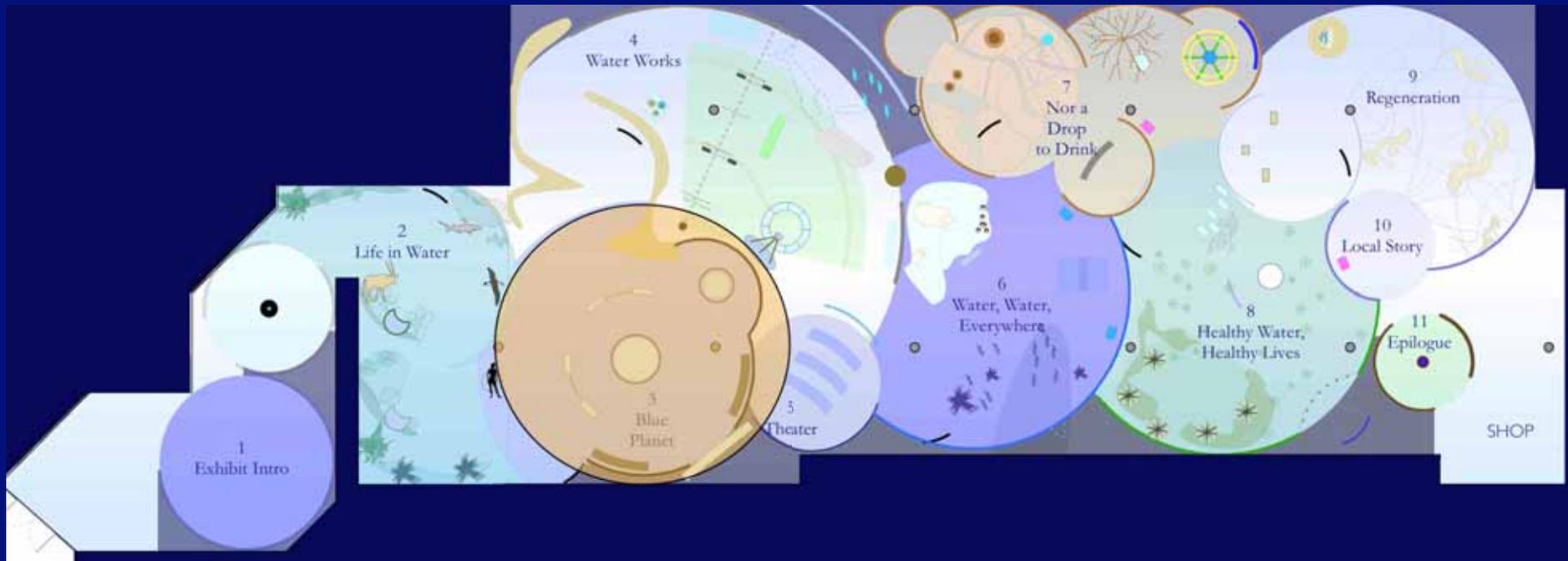


Salt to  
taste



What about us?

# Water AMNH floor plan



Blue Planet

# *Blue Planet*





# SCIENCE ON A SPHERE

## 1. THE EARTH

THE EARTH IS A SPHERE.  
IT IS 12,756 KILOMETERS (7,927 MILES) IN DIAMETER.  
IT IS 5.1 BILLION KILOGRAMS (11.2 TRILLION POUNDS) MASSIVE.  
IT IS 149.6 MILLION KILOMETERS (92.9 MILLION MILES) FROM THE SUN.  
IT IS 150 MILLION KILOMETERS (93 MILLION MILES) FROM THE NEAREST STAR.

## 2. THE SUN

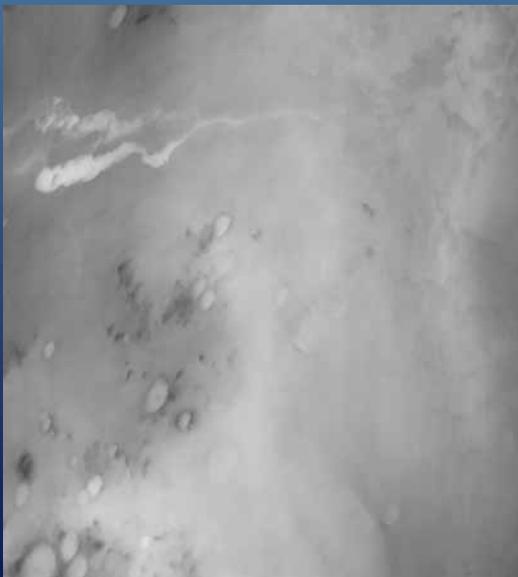
THE SUN IS A STAR.  
IT IS 1.4 BILLION KILOMETERS (870 MILLION MILES) IN DIAMETER.  
IT IS 330,000 TIMES AS MASSIVE AS THE EARTH.  
IT IS 150 MILLION KILOMETERS (93 MILLION MILES) FROM THE EARTH.  
IT IS 100 TIMES AS HOT AS THE EARTH.

## 3. THE MOON

THE MOON IS A ROCKY BODY.  
IT IS 3,474 KILOMETERS (2,157 MILES) IN DIAMETER.  
IT IS 7.35 TRILLION KILOGRAMS (16.2 TRILLION POUNDS) MASSIVE.  
IT IS 384,400 KILOMETERS (238,855 MILES) FROM THE EARTH.  
IT IS 1/4 THE SIZE OF THE EARTH.  
IT IS 1/81 THE MASS OF THE EARTH.

EXIT





Three states of water...



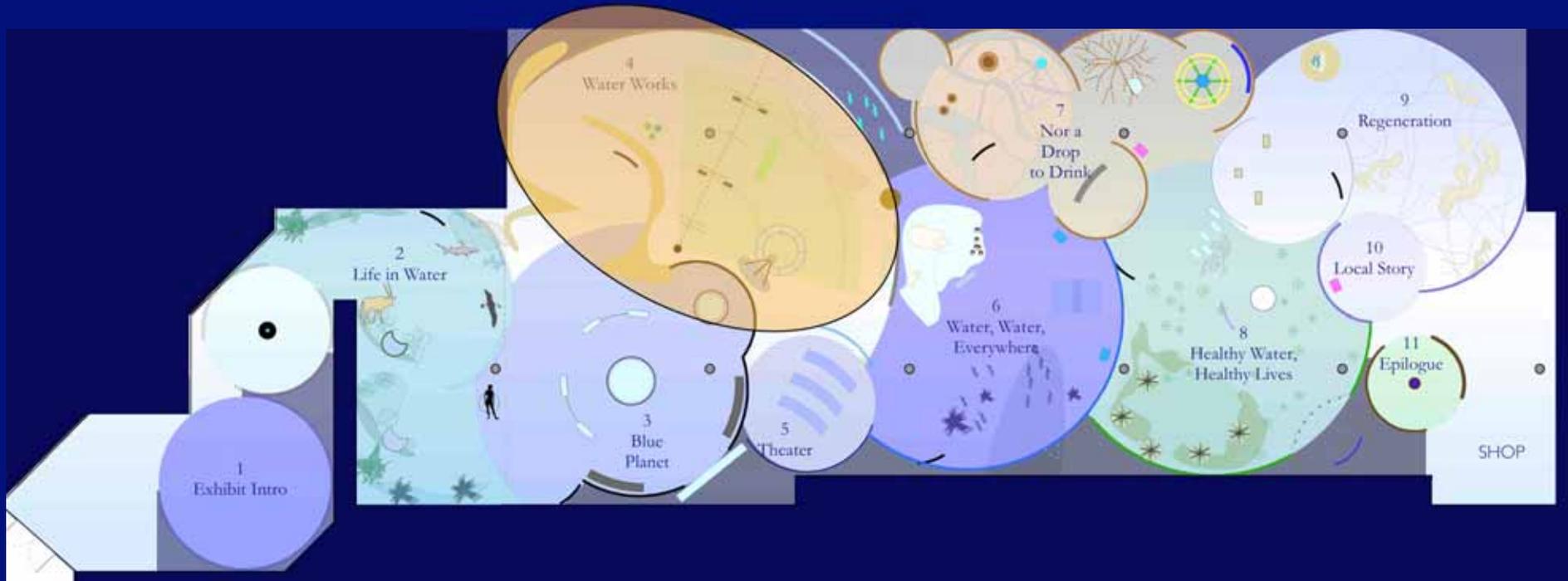
...interconnected  
in the world





Bringing water to Earth

# Water AMNH floor plan



Water Works

*Water  
Works*





Thirsty Crops



Human ingenuity

## Irrigation: sidebar stories



One solution: drip irrigation



Problems/solutions

Local story sidebar



A matter of scale

Three Gorges Dam



China's ancient  
Dujiangyan dam





Dam removal interactive

Harnessing  
wave  
energy:

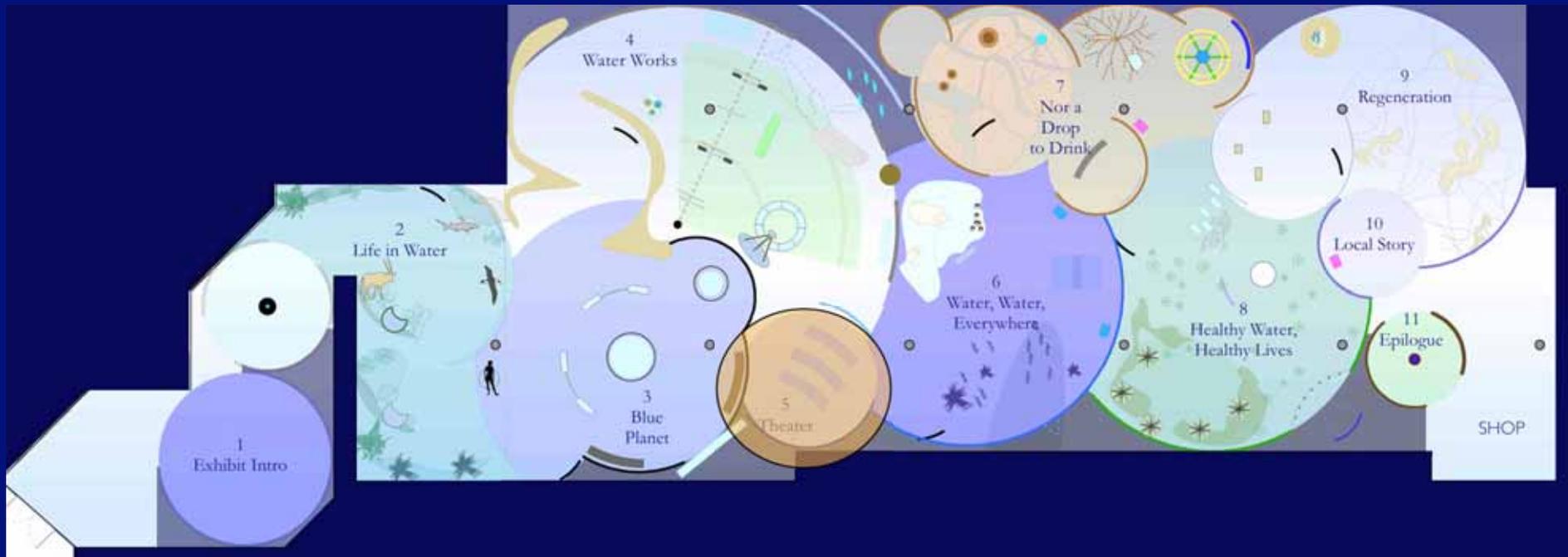
New York's  
East River



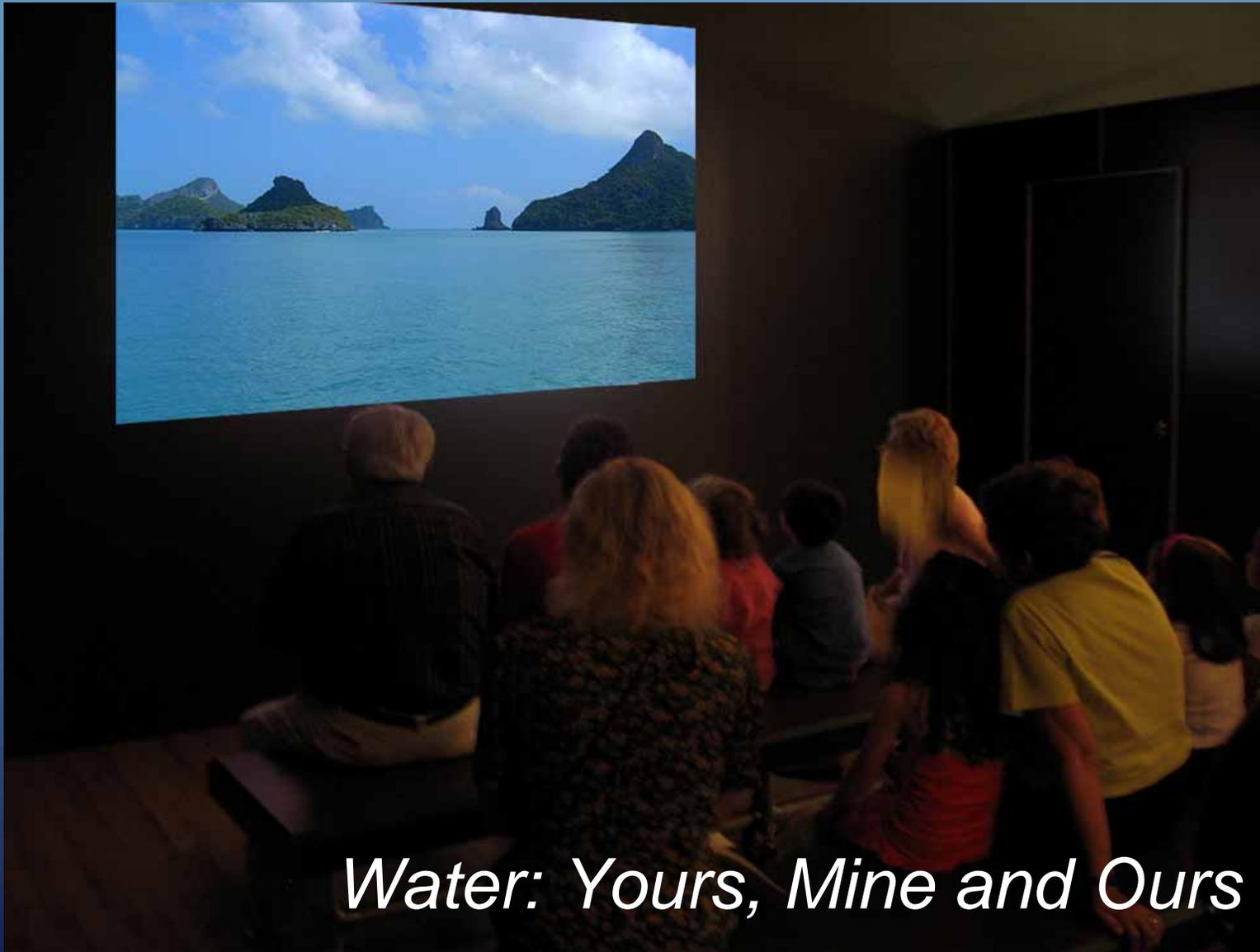


## Quiz show: Competing Demands

# Water AMNH floor plan

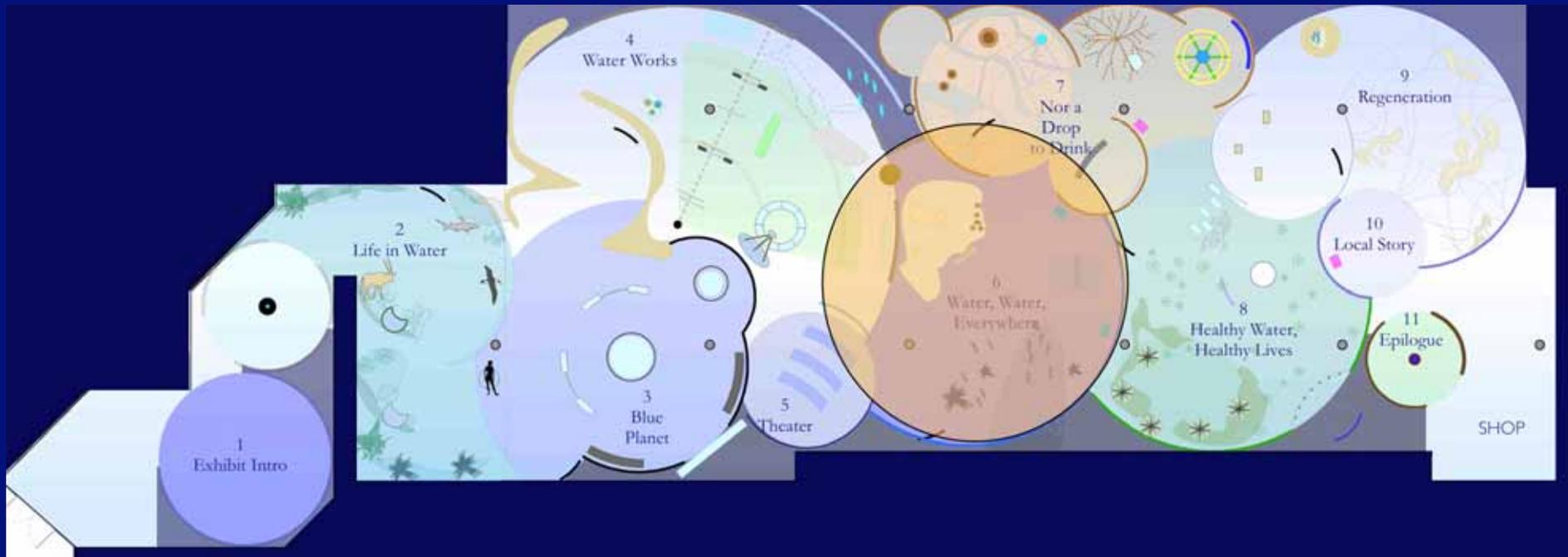


5. Theater video



*Water: Yours, Mine and Ours*

# Water AMNH floor plan



## 6. Water, Water Every Where



*“Water, water, every where...”*

*–Samuel Taylor Coleridge*

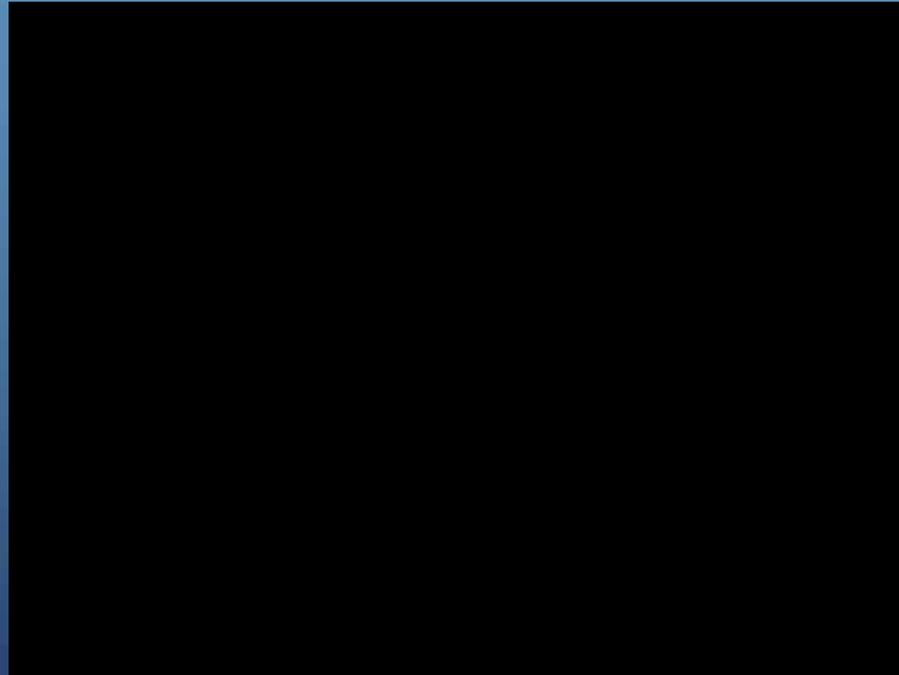


# Living with water

Tonle Sap



# Marine Fisheries

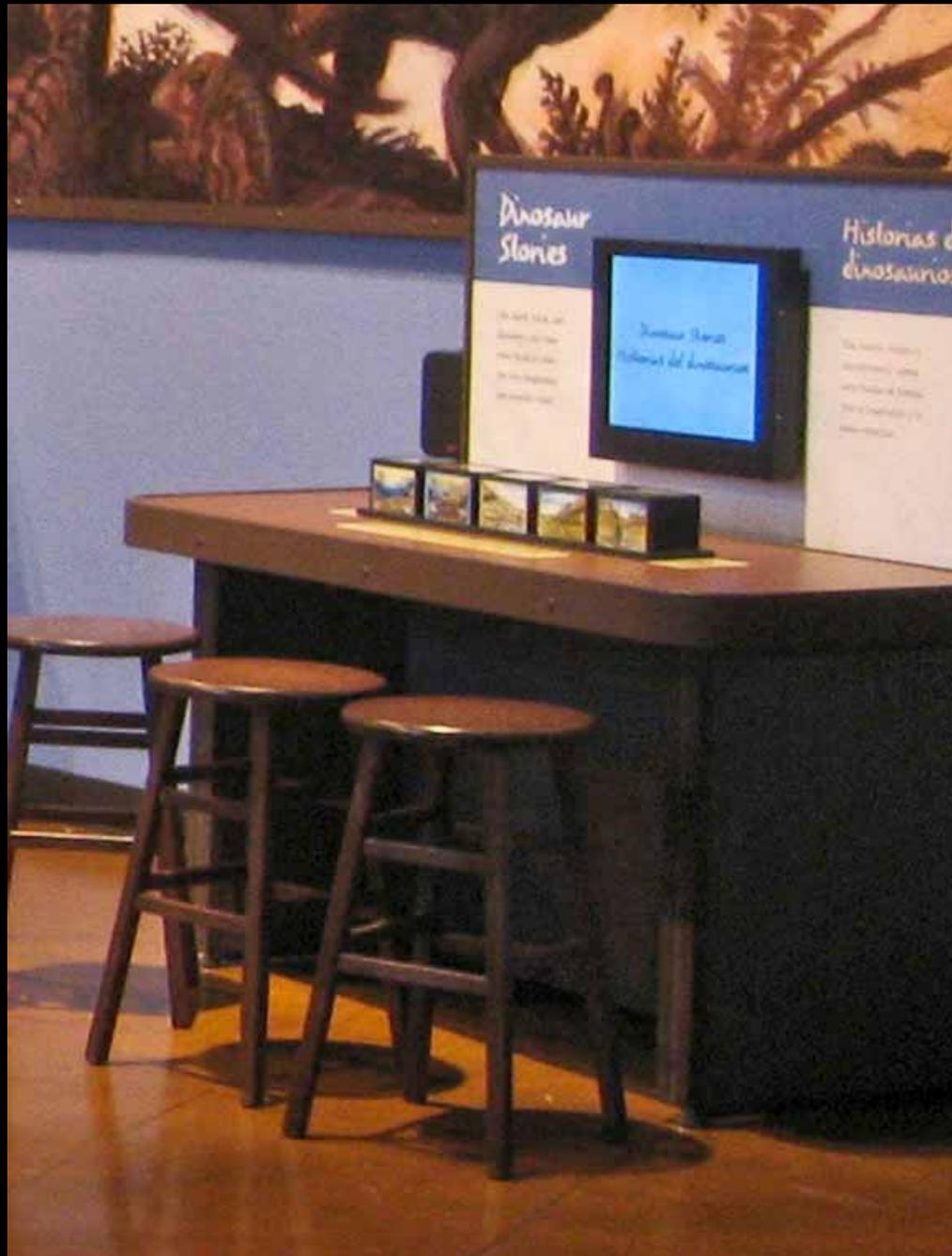




Living on ice  
Polar bears



Story blocks  
interactive

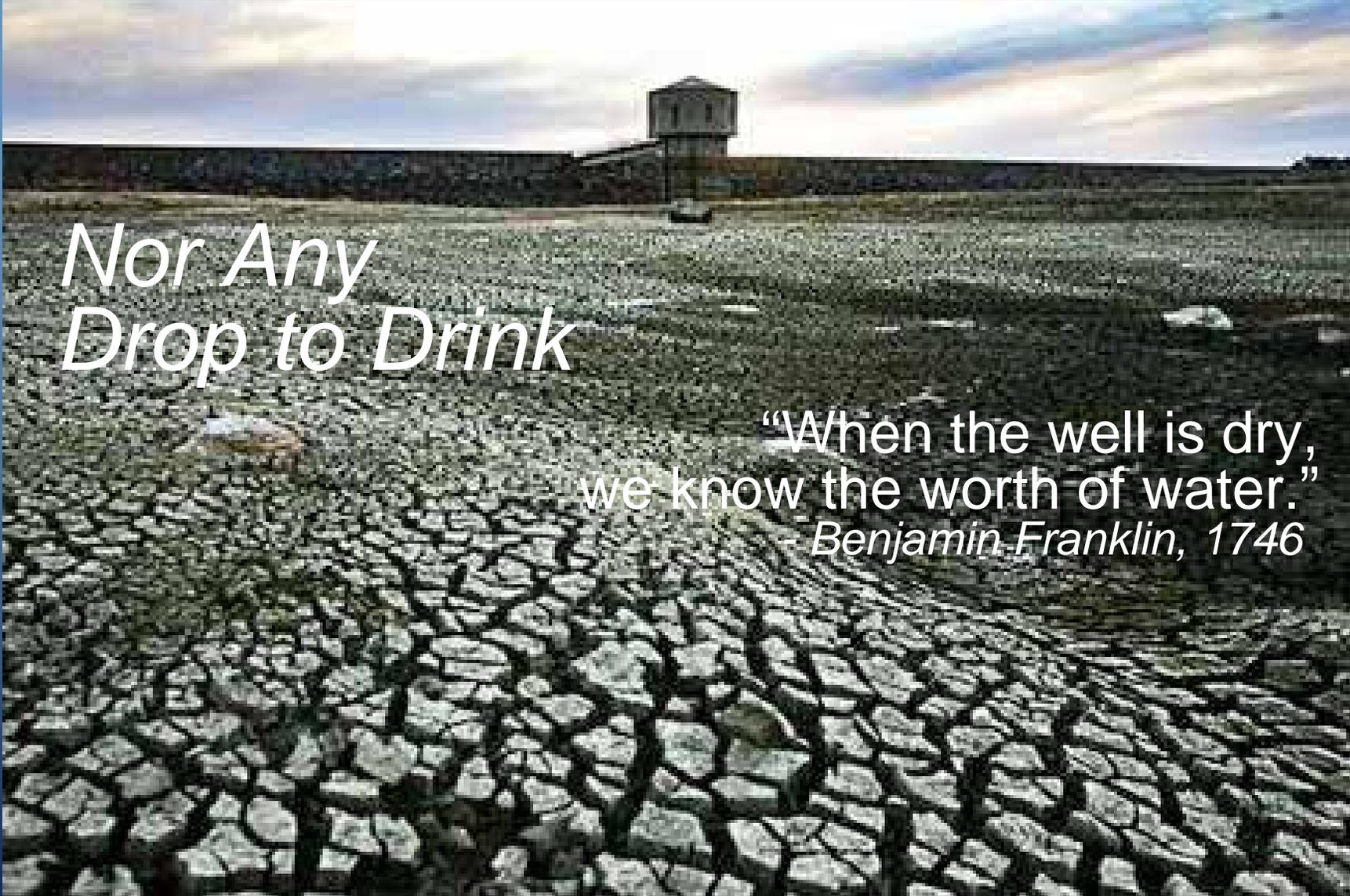




# Water AMNH floor plan



Nor Any Drop to Drink

A photograph of a dry, cracked landscape. The foreground is filled with a dense network of dark, irregular cracks in the parched earth. In the middle ground, a flat, dry field extends to a horizon line. In the distance, a tall, cylindrical water tower stands prominently against a cloudy sky. The overall scene conveys a sense of severe drought and water scarcity.

*Nor Any  
Drop to Drink*

“When the well is dry,  
we know the worth of water.”  
*- Benjamin Franklin, 1746*

# Water AMNH floor plan



Healthy Water, Healthy Lives

*Healthy Water,  
Healthy Lives*





Cholera

Video microscope





Nature's Purifier Wetlands





Geo Wall



# Beneath the Surface

## Understanding Groundwater



# Water Around The World interactive

Where Does it Come From?  
Where Does it Go?

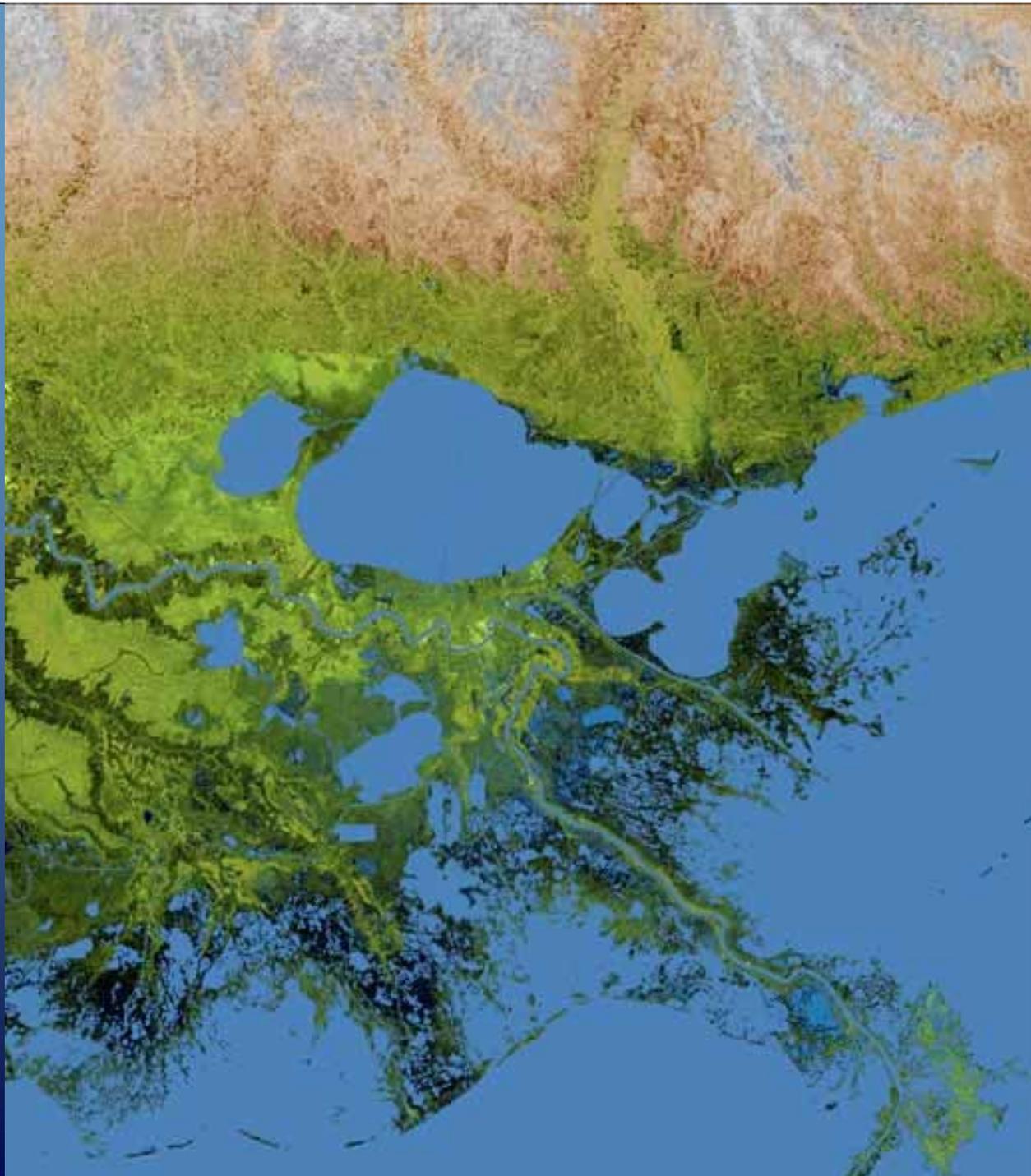
# Water AMNH floor plan



Regeneration

# Regeneration

Mississippi Delta





# Regeneration

Mesopotamia  
Marshlands





# Regeneration

Mono Lake, California

# Water AMNH floor plan



Water: NY (Local)  
Epilogue



What Can I Do?  
interactive



Water: New York  
(your venue here!)

# Marine Interactive



**Water**



Water drop sculpture



# Securing Water

Gender & equity in India

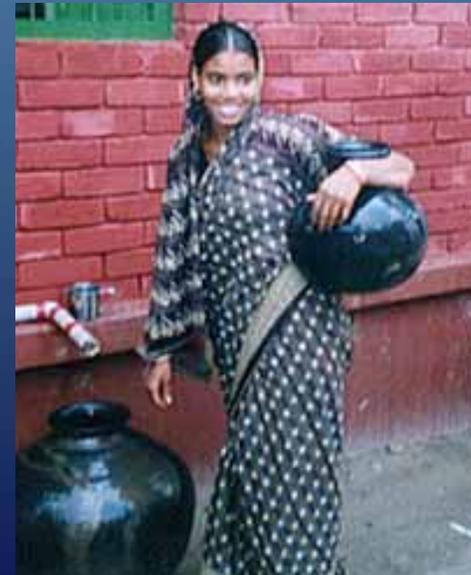




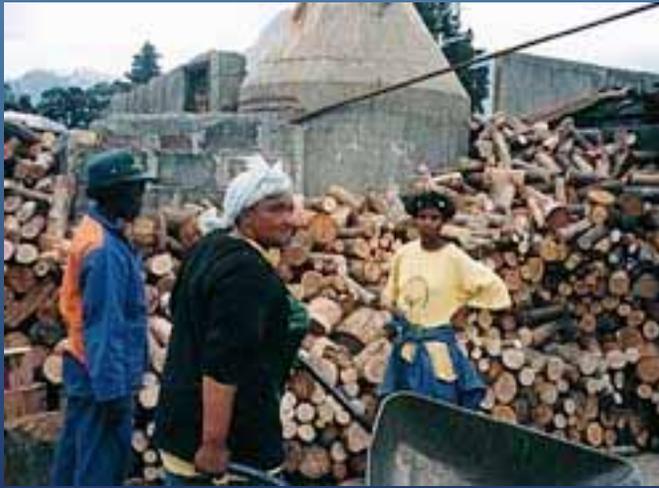
Water for the Maharajah



Ritual use of water



Water at your doorstep  
Rainwater harvesting in India



# Taking back the land

Working for Water



Child's Play Play Pump



Bottled water