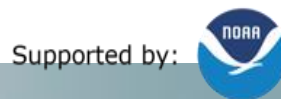
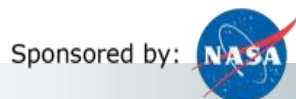



A partial view of the Earth from space, showing the blue oceans, white clouds, and brown and green landmasses.

# The H2you Project: Sharing Your Water Story

By: Laura Schetter  
Environmental Educator &  
H2you Project Founder  
Toledo, OH, USA

The ENSO Student  
Research Campaign



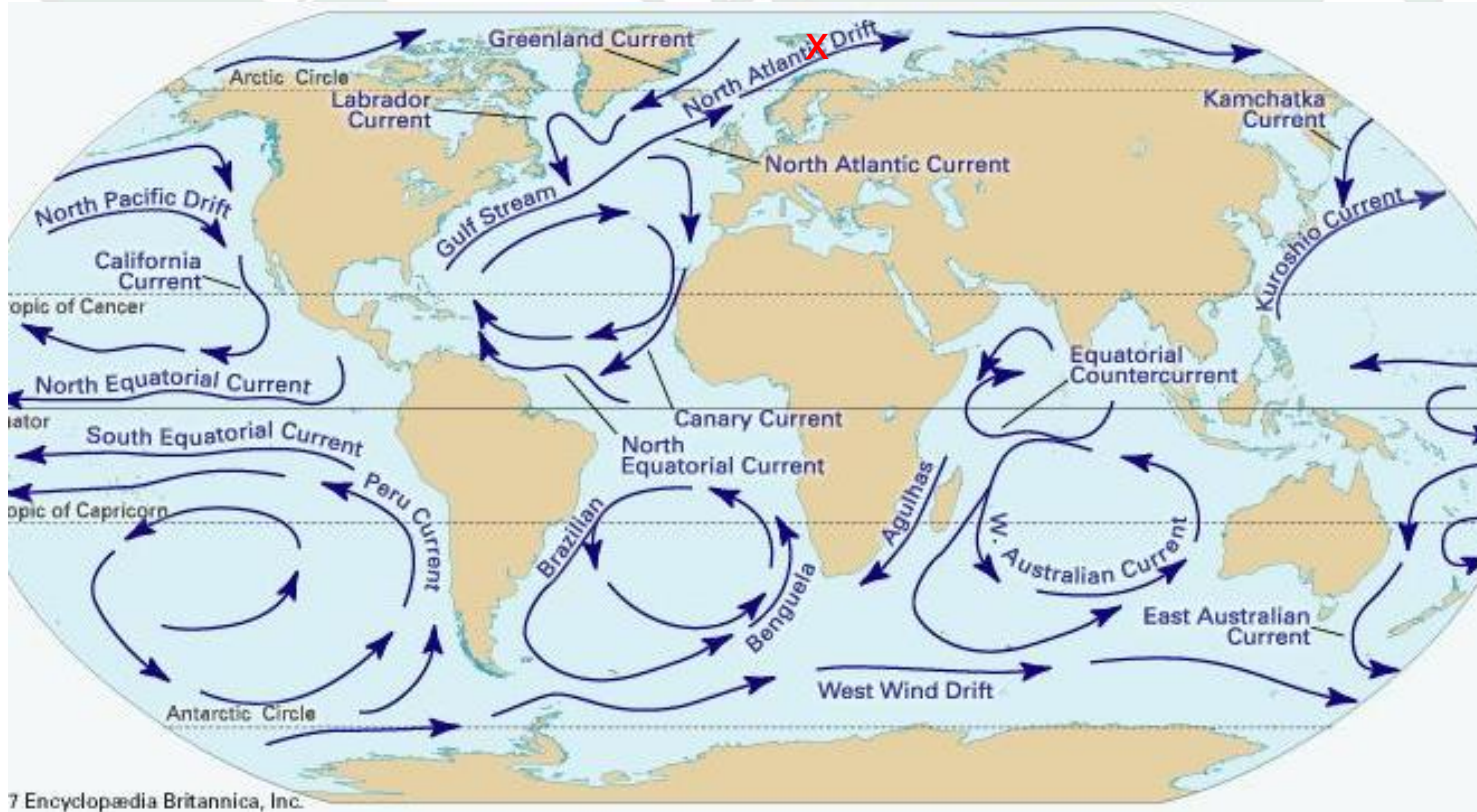
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# How it all started... X



Why was this uninhabited Arctic beach covered in trash?!

# ALL WATERWAYS CONNECT!



# EVERYONE HAS A WATER STORY



# H2you Project Water Song

*India*

Our Indian village,  
Gets all its water  
From a deep bore well,  
We use it wisely.  
Our water granny  
Tells us sweetly,  
This water's here for you and me!






# H2YOU PROJECT OBJECTIVES

- TO INSPIRE PEOPLE TO CARE FOR AND CONSERVE OUR SHARED GLOBAL RESOURCE OF WATER
- TEACH THAT ALL WATERWAYS CONNECT
- TEACH THAT EVERYONE NEEDS ACCESS TO CLEAN WATER TO SURVIVE
- SHARE YOUR STORY – YOUR VOICE - WITH THE WORLD
- LEARN FROM OTHERS' STORIES



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# GLOBE APPLICATIONS – TAKE DATA TO THE NEXT LEVEL


www.h2youproject.com

El Niño Story Map... Climate Change: Vi...  
conserve our shared global resource of water.

Please, share your water story with the world!


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**Saving the Whole World from Pollution**  
Maumee Bay State Park, OH

Our Field Trip to Maumee Bay State Park - A Group Personal Narrative. On our field trip to Maumee Bay State Park on Lake Erie, we picked up trash, tested the water quality, and had a picnic. When we first arrived, Jacob said, "When I look out at the water, I imagine that I am a fish." The beach felt so soft and sandy! We learned that Lake Erie, which started as a glacier, is special because it is the most shallow of the Great Lakes. Since we know this is where our drinking water comes from, we cared to clean it. When Harrison and Luke found 2 full bottles of water, they poured it on the ground, returning it to the water cycle, and recycled the bottles. We assumed that the wooden planks we found on the beach were washed up from a boat. We saw a clam that was still alive. Adam found a cap that roots were growing through. We guessed the weight of the trash and did a mini math lesson with it, and were so close with our prediction of 40 pounds. We actually collected 43 pounds of trash and 10 pounds of recycling. Our class tested the water's turbidity, ph, and temperature through the GLOBE program. The phosphate level was at a low level of 1 mg/L, which is good! We talked about how harmful algae blooms happen sometimes in Lake Erie. Too many phosphates from our lawns' and farms' fertilizers are one of the things that can make this worse. When we were at lunch on the beach, we finally had the time to relax. Julia said, "It feels like we are on vacation!" It is fun to play on the beach and look at the water. We even imagined we were at the ocean when we saw seagulls! Lake Erie is a beautiful place and we take care of it. Back at school, Thomas showed us on a world map that all five of our Great Lakes connect to each other, flow into the St. Lawrence River, and into the Atlantic Ocean. Te'Lir then said, "I feel like I'm saving the whole world from pollution!" Written by 5th grade with Mrs. Loar, Ms. Schetter, and Mrs. Mercer



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### El Nino in Brazil

Av Pasteur , 433 , Centro 22290-240 Rio de Janeiro, Brazil

Minas Gerais school has been collecting precipitation and MAX/MIN temperatures as part of El Niño investigation for the GLOBE-NASA ENSO campaign. Here, in Rio de Janeiro we saw some impacts of the 2015-2016 El Niño. We had the wettest summer in years, the heat exceeded the average maximum temperature. February was the hottest month, with 36 degrees. The summer was also marked by rain. Last March we had the largest amount of rainfall of the year in Saude, Rio de Janeiro. Urca, our school district, was one of the neighborhoods most affected by the heavy rain that hit Rio de Janeiro on 16 March 2016, it rained more than 140 mm. This amount is larger than recorded during the entire month of March 2015, when it rained 137 mm. The neighborhood streets were flooded. The Urca Hill became a kind of waterfall. The volume of water that came down the slope was so great that invaded homes and local stores.



X



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www.h2youproject.com/#marker183

Info Story Map... Climate Change: Vi...

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### GLOBE at Shumate Middle School (Gibraltar School District)

42.08520316856699, -83.21094006299973

Shumate Sixth Grade Scientists are collecting soil moisture samples, measuring surface and soil temperatures and precipitation, and monitoring temperature and clouds as part of the ENSO field campaign. After just having a very mild winter due to El Nino, our students are keeping an eye on what this coming winter has in store. The Carlson High School/Shumate Middle School campus is also located near local wetlands. Our students like to keep an eye on precipitation, precipitation pH, snow fall, and soil moisture to gauge what might happening with the wetlands area. Our sixth graders truly enjoy Citizen Science and collecting data for GLOBE. There are certain areas in Gibraltar, Michigan that are high risk flood zones due to nearby proximity to the Detroit River and Lake Erie. It is important to monitor precipitation and soil moisture. #GettingScienceDone





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El Niño Story Map... Climate Change: Vi...  
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**Effects of El Niño in Asia**

Patumwan Demonstration School, Bangkok, Thailand

Students from the English Program at Patumwan Demonstration School in Bangkok, Thailand, participated in a webinar for NASA / GLOBE's Niño campaign. They gave a presentation on how water affects their community, with specific reference to how the recent El Niño event affected Asia, and Thailand in particular. You can watch and listen to a recording of their presentation here: <https://www.youtube.com/watch?v=xBAfcrOS-G8&feature=youtu.be>



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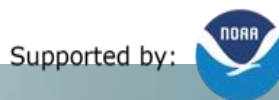



# SHARE YOUR STORY!



• HAVE FUN

COLLECT DATA



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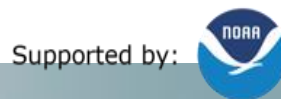
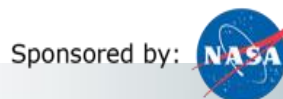
# H2YOUPROJECT.COM


- FIELD ACTIVITIES
- WATER STORY IDEAS – CHOOSE A FORMAT
- AS A CLASS, IN GROUPS, OR INDIVIDUALLY, WRITE IT!
- FILL OUT FORM. INCLUDE DATA AND REFLECTION
- UPLOAD PICTURE/ VIDEO
- INCLUDE GLOBE ENSO



# COMPARE STORIES

- CLICK ON MARKERS
- SEARCH
- DISCUSSION QUESTIONS
- INVITATION VERSE REQUEST

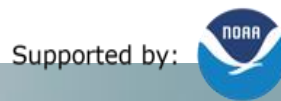
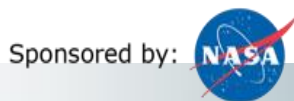



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- Keep in touch – more to come!
- Email:
- [lauramschetter@gmail.com](mailto:lauramschetter@gmail.com)



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