



The ENSO Field Measurement Campaign Phase III: Water in Our Environment


**WEBINAR #8- May 10th, 2018
Greetings from Buenos Aires,
Argentina!
All Saints' School
Colegio de Todos los Santos**



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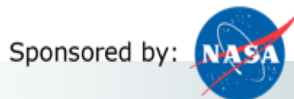


Our school is located in the district of San Isidro, a suburb of the Greater Buenos Aires area.

Colegio de Todos los Santos


Verde es el árbol de la vida

Villa Adelina — San Isidro — Prov. Bs.As.



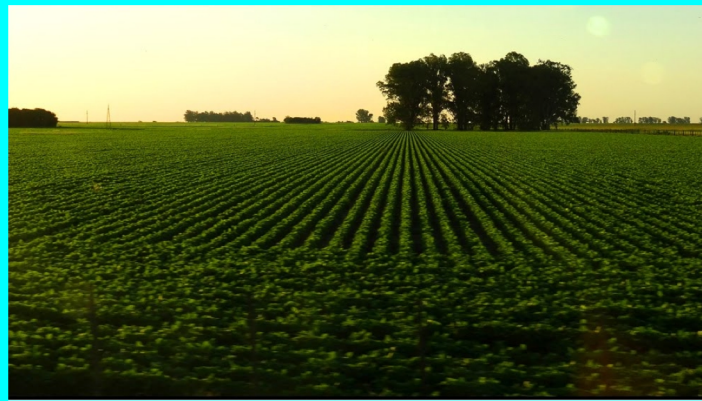
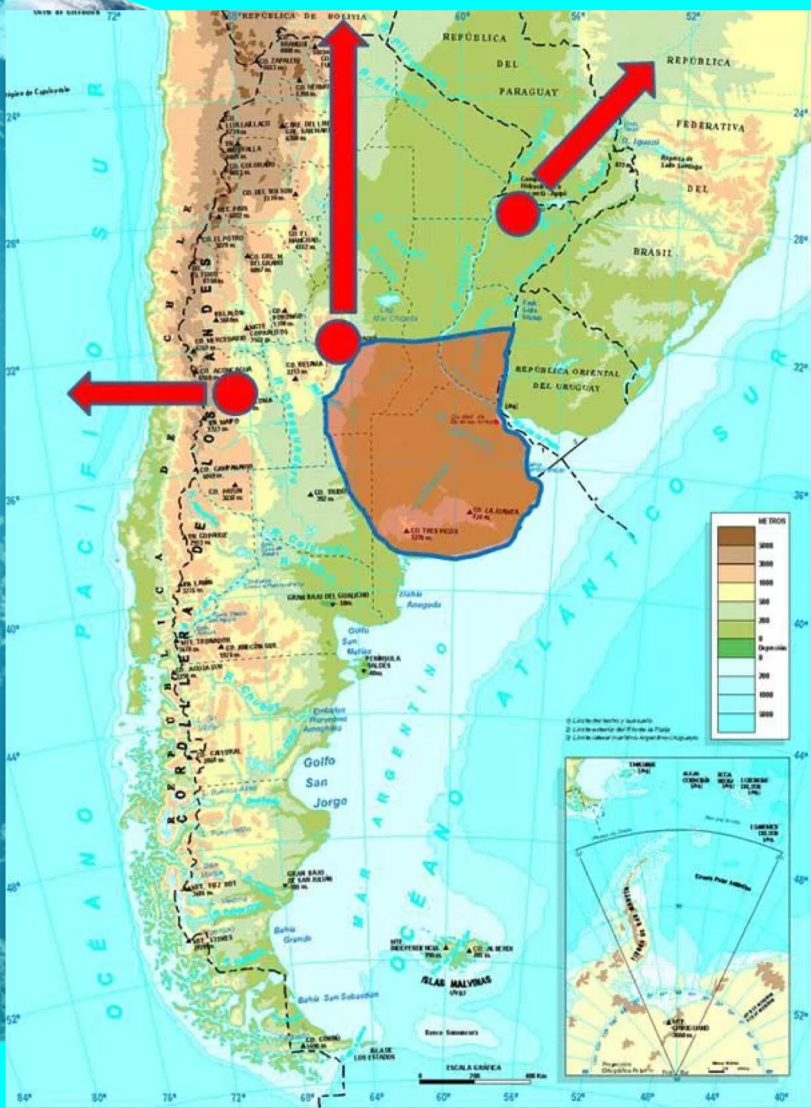
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We are in one of the most fertile agricultural regions in our country, Argentina, the world's third-largest exporter of soybean and corn.




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Río de la Plata watershed. It is part of la Cuenca del Plata



We are here ●

103 students between 12 and 15 years old attend middle school. Our Junior classes range from 15 to 26 students each. The classrooms do not have doors and no bell is used for breaktime. The building is surrounded by beautiful trees, that provide a lovely view from the classrooms. Our garden has a *butterfly area*, a vegetable garden and a sundial. After school, some students stay to work on the musical that will be performed in August in our school theater.

Our school



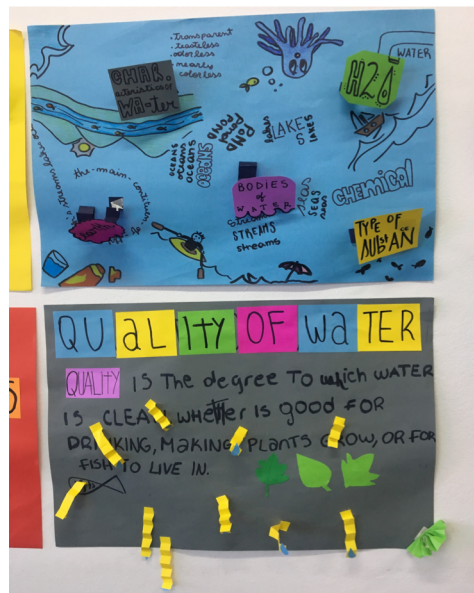


Water in Our Environment



Our water is obtained from the Río de la Plata, and sent through pipes to the AySA (Agua y Saneamientos Argentinos) plant where it is processed and sent to our homes.

THE GLOBE PROGRAM



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Water and the economy

Farming is the economy's main engine. It has been affected by a dry spell which began in November 2017, causing big losses in grain exports.



The drought ended in April 2018, and was followed by heavy rains and storms which caused floods and destruction in some areas.





THE GLOBE PROGRAM

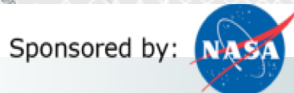
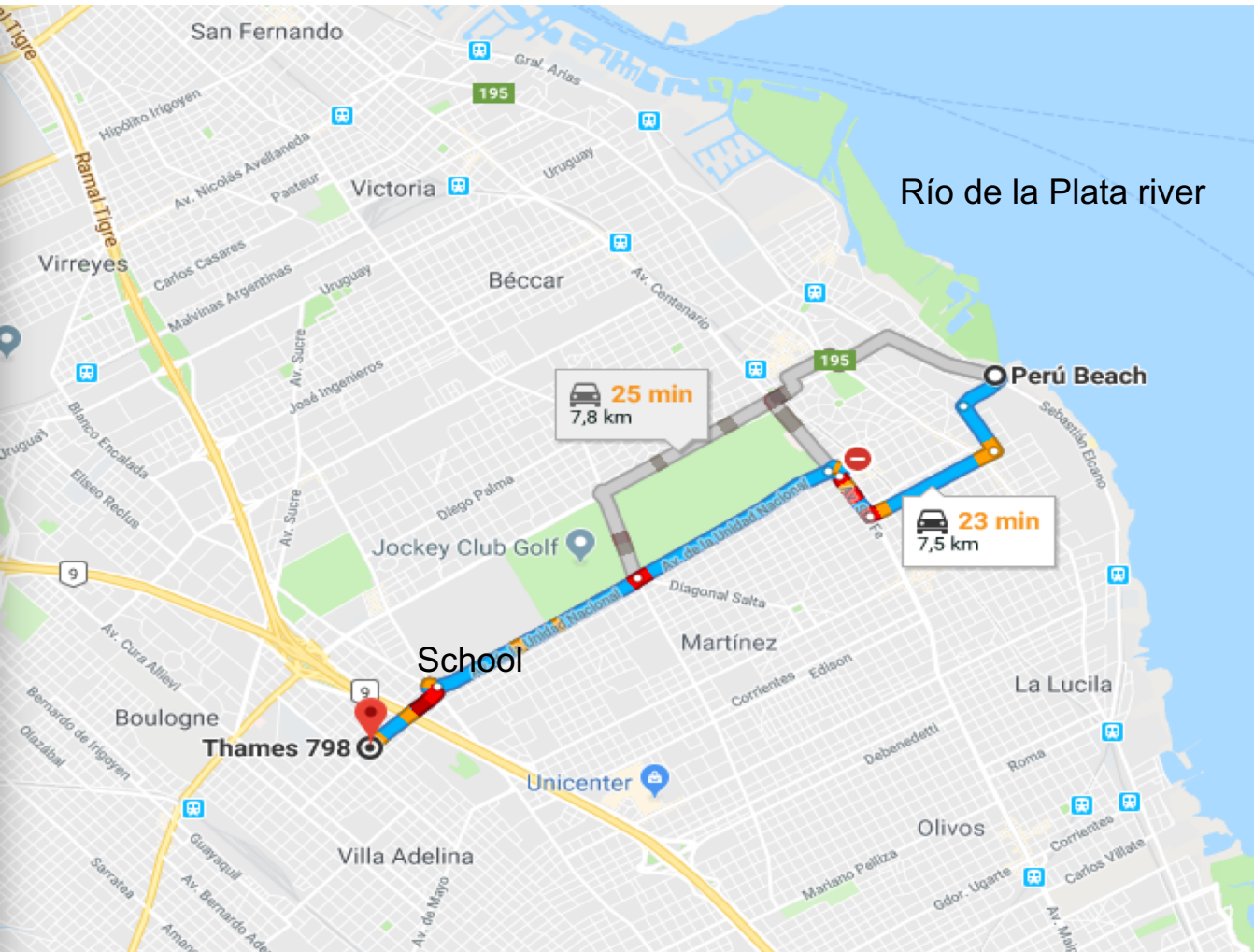
Watershed near our school

Río de la Plata

It is the widest river in the world, with a maximum width of about 220 kilometres (140 mi).


The river is about 290 kilometres (180 mi) long, and it widens from about 2 kilometres (1.2 mi) at its source to about 220 kilometres (140 mi) at its mouth.

It forms part of the border between **Argentina** and **Uruguay**.



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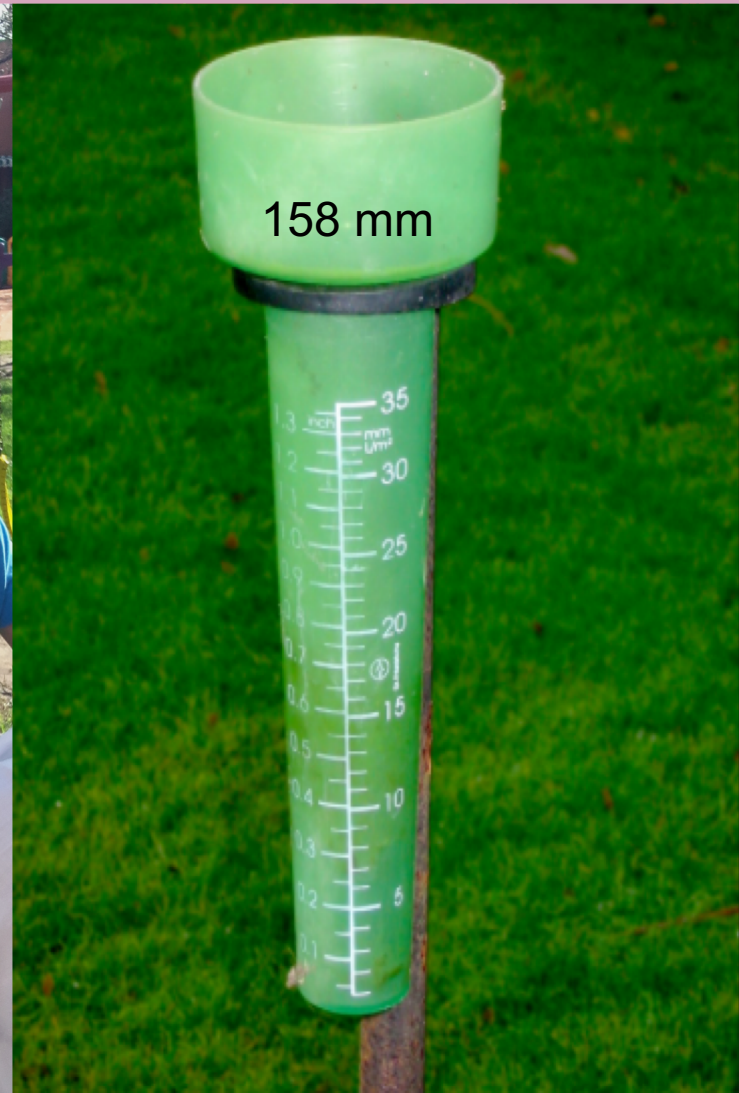
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Río de la Plata, source
of water
(Satellite view)



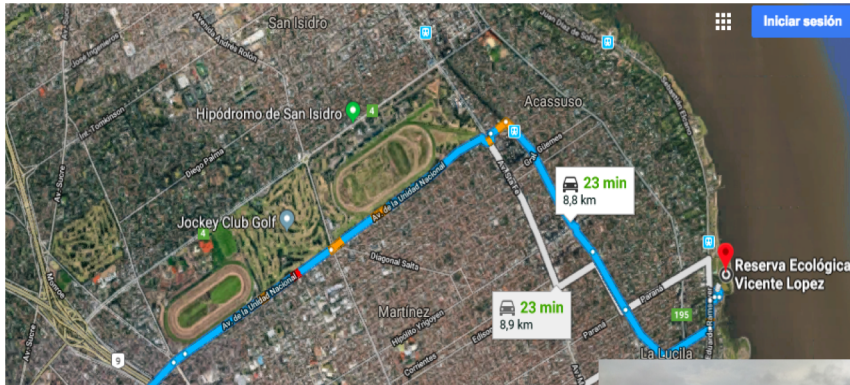
Checking our rain gauge

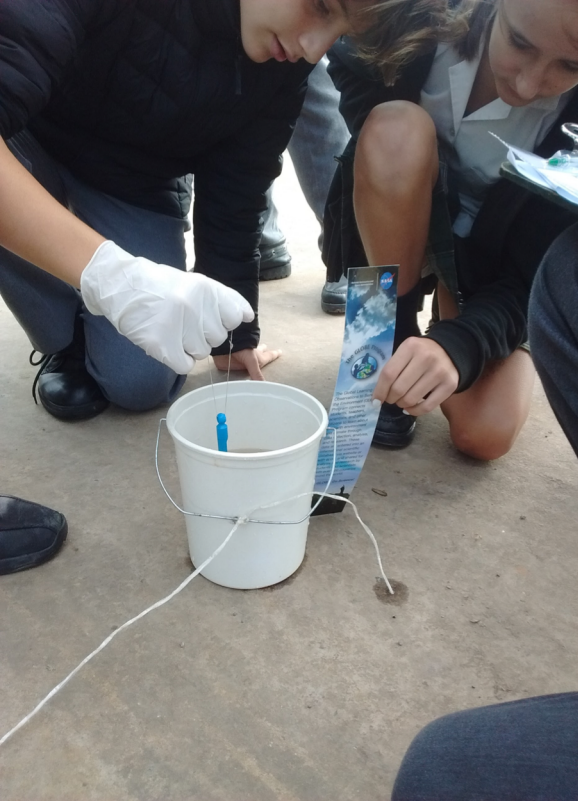
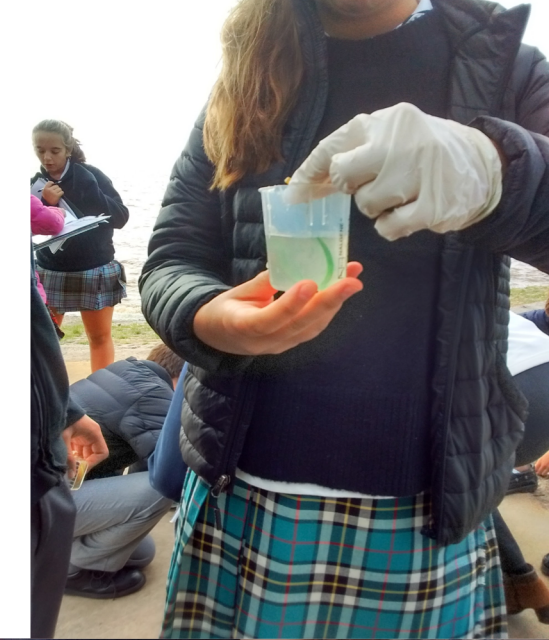
From April 4th to May 4th 2018, the rainfall was 158 mm



Our water Research in Our Environment

We went to the Río de la Plata River and worked with water temperature, water transparency and water ph protocols.





From this activity we learned ...

Where the water we drink is made drinkable.

The importance of water in the economy of the area we live, the Pampa.

To implement different protocols taking samples in the río de la Plata. It is 7 km away from the school.

How to work in a collaborative activity.

In the future, we will continue to deepen our research about water in the environment we live.

Generate a research project looking to participate in the Virtual Science Fair GLOBE (IVSS)

Names of GLOBE Teachers and all students

Teachers:

Marta Kingsland

Araceli Fangi

Paula Fernández

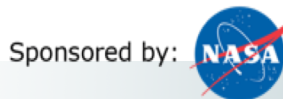
Ana Laura Guaita


María del Carmen Iozzo

Carmen Edreira

Nancy Piñero

Courses: 2nd A, 2nd B, 3rd A and 3rd B



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