



National Aeronautics and
Space Administration

A vibrant space-themed background featuring a large, bright yellow sun in the center. To the left, a large blue and white Earth is visible. To the right, a ringed planet (Saturn) and a gas giant (Jupiter) are shown. Other celestial bodies, including a crescent moon and various planets, are scattered across the dark, star-filled sky. A glowing orange orbital path curves around the sun.

SCIENCE MISSION DIRECTORATE

Dorian Janney
GSFC/ADNET

NASA Earth Science Education Collaborative
April 30, 2018

GLOBE ENSO III Student Investigations with NASA: Water in Our Environment

April 12 Live Webinar - Global Connections & Collaborations

- >90 teachers and students attended from 17 countries
- Student team presentations about local investigations US, Croatia, Taiwan, and Finland:

Nature Science Technology Center, Ottawa Hills, Ohio described water collection and testing before and after back-country filtration and explained how to easily create and share H2yOu Water stories.

Medicinska Skola, Varazdin, Croatia studied impact and quality of water on their environment, how water resources are used for agriculture, and impact of water on their vegetation. **III Osnovna Skola Varazdin in Varazdin, Croatia** presented the local Croatian environment, with GLOBE measurement results on local agriculture and drinking water quality

Houjia Junior High School, Tainan City, Taiwan explained their precipitation data and how it helped learn about their regional climate and trade winds, typhoon season, and the impact from ENSO.

Utajärven yläkoulu, Utajärvi, Finland presented water quality and precipitation measurements and how their local environment and agriculture have been affected by precipitation, floods, droughts.

This project is part of the NASA Earth Science Education Collaborative (NESEC) Science Activation award, and supports NASA's goal of increasing the number of U.S. youth having authentic STEM experiences

