

## Events Community Calendar / Giving Back/ Green

# For Earth Day, How to Use Plastic Bottles to Capture Rain Water

### Thu, April 18

7:00 PM — 9:00 PM

**Virtual Event**



In recognition of Earth Day, there will be a  
**Zoom Presentation on:**

Thursday, April 18 at 7:00pm EDT (4:00pm  
PDT, and 6:00pm CDT)



Please Use the QR code to register  
for the Zoom and to learn more  
about this rainwater harvesting  
system that utilizes existing  
surface areas and plastic bottles to  
**HARVEST EVERY DROP**



On Thursday, April 18, at 7 p.m. Madeline Abrams, a high school student, will present on Zoom the environmentally-friendly way she developed to capture rain water using discarded plastic bottles to create an irrigation system for vegetable gardens and landscapes.

By using empty plastic bottles, cutting them in half lengthwise, and connecting them with waterproof tape, Madeline has created a gutter system to capture the rainfall that comes off of a roof. She then uses water bottles to create a downspout to direct the water to a holding tank similar to a rain barrel. Here is a link to the website she created, Harvest Every Drop, to share her invention: <http://harvesteverydrop.com>

Madeline recently presented her rain harvesting system virtually to 45 communities in New York, California, Uganda, Namibia, Lesotho, Angola and

South Africa. Her invention is being shared with villages and communities as a way to conserve water and address the issue of up-cycling plastic waste which has become a major problem in many parts of the world and in our area. An article about Madeline's system was recently published in an international Rotary magazine covering Uganda.

Here is the registration link for Madeline's program:<https://us02web.zoom.us/meeting/register/tZwtcOisqD0oGdOmdfRmAurvF3MY-calVGj2>

To date, 35 public libraries in the Tri-State, Boston, Hartford, Philadelphia, San Francisco, Palo Alto and Dallas areas will be participating by sharing the Zoom link with their communities.

After the presentation, Madeline will share the instructional video she created as a reference to build her watering system to help communities harvest every drop.

Madeline's goal is to spread her innovation as far and wide as possible to benefit communities and to help people harvest every drop.