



**ENGINEERS WITHOUT BORDERS USA**  
UNIVERSITY OF MAINE CHAPTER

## What is EWB USA?

Engineers Without Borders USA is a national, nonprofit organization. As a student chapter of EWB, we partner and work with communities in need, and design sustainable engineering projects. With community input and participation, we implement our designs, and improve the lives of the people in the community.

## Supporters

Our projects would not be possible without the generous donations from these organizations.



## Donate

Love what we do and want to be a part of it? Click the link to donate and support our ongoing projects!

[support.ewb-usa.org/umaine](http://support.ewb-usa.org/umaine)

## Ecuador Update

During Winter Break, EWB-UMaine sent four student members to El Descanso, our partner community in Ecuador since 2014, on a second implementation trip. The trip allowed EWB-UMaine to monitor the rainwater catchment system implemented in August and construct a shallow bedrock well. The rainwater catchment system is functioning as designed and the community has taken ownership of system, making improvements and repairs as needed. The travel team constructed, with the help of community volunteers, a well that improved upon two smaller test wells constructed in August, establishing the location as a feasible water source to supplement the community. EWB-UMaine conducted multiple water committee meetings to understand community needs, and desire for a house-to-house distribution system. The chapter is now working on

interpreting water quality and recharge results from the well, which will inform the design of a distribution system that will satisfy the community's need for clean water, and their desire to have water piped directly to their homes year 'round.



From left to right; translator Israel Ramirez, and UMaine Engineering students Casey Schatzabel, Meagan McKeon, Peter Larson, & Ethan Hall

## Reviving Our Honduras Project

Five years ago, EWB-UMaine completed a wastewater treatment system design and implementation with Dulce Vivir, Honduras. Due to significant civil unrest, the project was halted. In the past year, we have resumed communication with the community, and are assessing how to help with repairs and training despite continued unrest in the country.