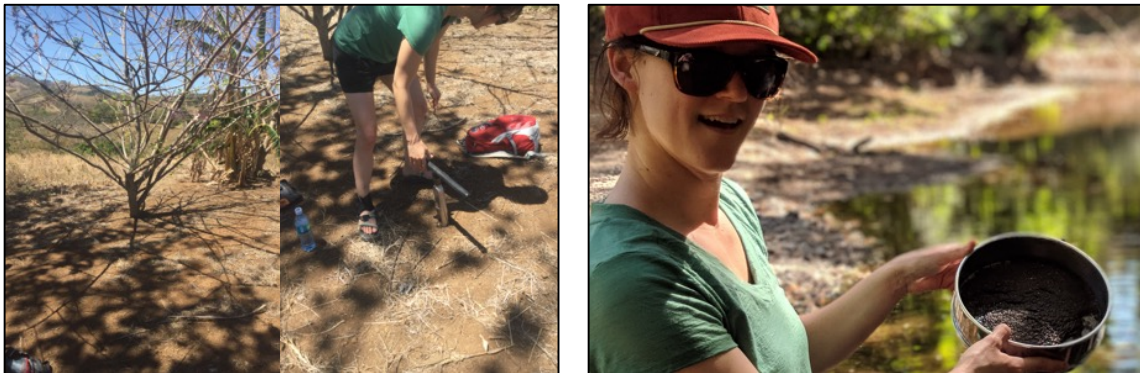


# Soil residence times on an ancient surface, Nicoya, Costa Rica

*Central Michigan University*



For this project we are extracting meteoric  $^{10}\text{Be}$  from a soil profile collected from the Nicoya Peninsula, Costa Rica. The samples are collected from a ridgetop location to measure the soil residence time on a high elevation, low relief surface, thought to be relict topography from a pulse of uplift during the Miocene. Profile samples were collected at 10cm depth intervals to refusal (saprolite interface) at ~70cm.



**Visitor:** Nicole West

**Visit dates:** June 20-28, 2018

Nicole West is an Assistant Professor at Central Michigan University. She visited the cosmogenic lab at UVM several times during her PhD and has visited twice as a faculty member.