

# Evidence of Results/Impact

## ***AREN Project -- NNX16AB95A -- David Bydlowski, PI -- Anil Aranha, Evaluator***

### **Shumate Middle School -- Gibraltar, MI**

Jeff Bouwman is a teacher of sixth and seventh grade students at [Shumate Middle School \(Gibraltar School District\)](#) in Gibraltar, MI. In the Spring of 2017, Jeff Bouwman joined forces with the [Rouge Education Project](#) to begin working on the [AREN Project](#), bringing with him, two other teachers from the Gibraltar district. Shumate Middle School students are now taking aerial images and doing remote sensing while flying kites. Jeff is also an active GLOBE teacher. His students have collected over 60,000 data entries for the GLOBE database. Students at Shumate also interacted with Brian Campbell, from NASA, for multiple video-conferences during 2017. Students participated in the 2017 GLOBE International Virtual Science Fair with their project entitled “El Nino Comparison Project” - <https://www.globe.gov/documents/10157/043363c2-0f30-49df-91e6-1ff24d3ff8cb>

AREN Flights can be viewed at:

<https://www.youtube.com/watch?v=vndk3VIeh0o&index=2&list=PL9mRHbnzUcezW6ON3Ho1J5dFlanHtOg0O>

<https://www.youtube.com/watch?v=v4pNuyel798&index=3&list=PL9mRHbnzUcezW6ON3Ho1J5dFlanHtOg0O>

Jeff's hashtag is *#GettingScienceDone*

