
MEMORANDUM

TO: EILEEN CASHMAN
FROM: MARJANI ELLISON
SUBJECT: CCAT AND SERC FIELDTRIP
DATE: OCTOBER 4, 2014

Purpose

The purpose of this memorandum is to review what we did on this field trip to CCAT and SERC in Arcata, Ca at Humboldt University on October 2, 2014.

Description

A project being pursued by SERC is a project called "Lighting for the World". This project is aimed to get efficient lighting for developing countries and to find ways to keep them from using kerosene gas which is expensive and dangerous for lighting their homes. Also with this project they're finding ways to use energy more efficiently for villages and their cooking habits to prevent brownouts which cause the lights to dim or go out throughout the village. The benefits would help the villages receive better lighting and energy use and decrease the use of the fossil fuel kerosene.

A way I could get involved in a project with CCAT is to help them with the structuring of their cement paths and laying down footholds across their settlement. I also feel like I could get involved with powering the M.E.O.W. if it were still to be in tip top shape like it was in its glory days.

The most interesting thing I learned on the trip is what the walls were made out of from the CCAT buildings and how they utilized recyclable things in very optimistic ways.

Conclusion

My experience on the field trip to CCAT and SERC were very fun and interesting to learn about the type of projects they conduct. I personally liked the CCAT tour better than the SERC tour just because of my personal interests but I had a great time on the field trips and really got a little bit of understanding on what those type of research centers conduct.