

CCC / Malawi,

Presentation was good. I voiced my support to allow student groups define area of interest.

Website: I like your mission statement, but I would view this project not as “just one moment in time”, but rather making a precedent as to how we can learn as a global community. On your home/mission page you make a number of compelling quotes. However, when you do this, you should leave a reference as to where the quote came from. I like the pictures on the mission page. Please indicate where they are from.

Numbers: please round numbers... for instance, the population is about 9 million. I think that the reader is more likely to remember a number that is simpler.

Grammar: Please read over the pages... for instance: “How do you feel about your countries”... I think you mean “your country’s”... but these are great questions, especially given that the USA is the only country to reject the Paris Agreement.

I like the questions you ask. However, I find they are academic... they are about what students think. How about how students *feel*: “What are your aspirations as a person? Community? Country? For the globe?”, “Do you have fears?” “What do you hope to learn? “What do you want to ask us about being American/Malawian?” What do you want to tell us about how you are Malawian/American?”

At the bottom of the home page, there is the opportunity to “book it” for three different curricula. What is this? Should there be something there?

In a larger sense, what is going to happen? How/when will people communicate? When/where will the classes be held? Do they have any learning outcomes identified? It may be a good idea to *not* define any... let the students define them. How will you do this?

See if you can better describe how this will look... or at least how it will look on the first day. Stakeholder’s Analysis?

Sunzu, Rwanda / Purified Water

I thought it a good idea to explore plastic bottles. They may be allowed because they are not disposable. You may also check work that we did over the summer to heat water in a covered, sealed pond.

Website: WOW. This has a lot of important information. Good job.

Please start with a simple mission statement or single sentence description of what you’re doing. Please this statement before the pictures.

Please put live links in your narrative... for instance to the RED studio and Andrew Goodwin.

For your graphs, you should just have one graph and graph the “improved water source” against diarrheal deaths. I think you spell diarrheal incorrectly, but it may be the Gapminder website that does this.

In your undesired effects, you seemingly state that what you’re trying to do (the “desired effects”) doesn’t work. Instead of “undesired effects”, I think it would be better to have “challenges” and work through some challenges.

Links to fog catchment technologies. Where might these be located? Can you put them on the map? Can you describe costs and concerns of fog catchment? The UNISA link takes forever to open for me, then I need to find the part about the fog. It’s one page. I encourage you to copy this page and make a new website to it with only the fog information. Put the UNISA link to the larger document as a reference for this information so people can find the source article if they want it.

You can make super scripts... like m^2 by using the text tool.

Define “PFP” and “CSF”, “SODIS” please.

I like that you have listed what is not yet working at the end. These are the things you seek to answer.

Please see the other websites and talk/work with the other groups... A lot what I wrote to Open defecation and compost groups, pertains to your group as well. You should cross link each others' projects where appropriate.

This is presently already a good site. Please make some changes as I describe above.

ISEC / Uganda

I found that the slides had too much text in them. There should be very few words... just enough to remind you of what you're going to say, so that you don't have to read them and the readers can just see the key words.

Website: I think your mission is too broad. I also think your final statement is too narrow – it's not just about cooking at BOH. You are welcome to keep the statements as they are, but I think we are still in the learning phases of what will work. I see us engaging with a community and BOH to learn what might work for cooking. How will people respond? In your plan, you might mention the cooking technology club.

“relay information to your audience.” Please be more specific.

In the BOH page, it seems you're mixing up Pilgrim Africa with BOH. PA is the humanitarian organization you're speaking of. BOH is a boarding school. I see from the website you provide, I think it's the wrong... Here is the correct website for BOH:

<https://www.pilgrimafrica.org/education/>. I've sent Chris Musasizi a direct question, because I've never asked anyone directly.

Please put direct links to the various webpages from which you extract information.

I don't understand the first two points in “Indoor Air Pollution” – please make a direct link to our publication. Additionally, if you refer to a “former team”, please put a direct link to that work.

You state that “also be used at low wattage for slow cooking dryer dishes.” ... are you referring to the chicken dishes I've made? You might give more information or provide an example.

Please read about the solar suitcase. Talk with them, and decide if you want to cross link your websites.

You have a lot of good information on your website. However, it needs to be more organized. I would also like to see a plan of what we'd like to do. I have a research proposal I think I gave you. If I didn't, please ask for it.

Aquaponics / CMC?

As I pointed out in the talk, dying of fish and plants is a significant challenge for aquaponics... because when there is dying, there can be lots of it.

Aquaponics: It's hard to read the white text against the photograph. Please give direct links to information that you're quoting. You provide a picture of vegetables. Where is this? Please provide a link. Why is it that pesticides are not needed? You still have lots of plants close to each other. Do they not get infected?

I don't understand “In countries where it is dangerous to walk to the city for food and thus being self sustained is ideal”

The prison statistics are great. Please provide references. Why are vegetables sometimes banned? Can you provide a caption for the tray of food. Where is this from?

I request two things besides the requests above: (1) Please report on some aquaponics globally. In particular, have poor people tried it? What has been done? What did they find? Was there any success? (2) Make a connection to some people. Can you talk to someone? How would aquaponics work for them? If you can't do that, please try to find more information about CMC or how people live there. Can you visit a jail?

Homeless

I think it's great that you have sought out people to interview. Thank you.

You have very few words in the slides... bravo. I think your text should be larger.

Website: Nice facts to the right. I'm sorry I didn't visit your event on campus Friday. I am interested to hear how the work at the Prado Day Center went.

Your Stakeholder's Analysis. Who is "Frat"?

Also, who is "Prado Day Center"? This organization consists of many people likely with many different priorities.

Visual Data: Please explain the graph at 1. Mental Health better. Is the y-axis the median age of the population, or the homeless population, or people with mental illness? Is the suicide rate for the entire country, or just for homeless people? For each graph, I think it would be a good idea to have a short description of what one might take away from looking at the graph.

Homeless Development: I don't understand this statement: "We seek to identify issues that are **consistent** with many of the homeless individuals within the community despite this variance."

What evidence do you have to think that educational seminars would be effective? What would you hope to achieve with educational seminars?

The thing that most impressed me about your presentation is the connection with people that you found. I'd like to see that in the website. What have you learned from your interactions? Could you do a few bios of the people that have provided you with important experiences? In the end, what do you see happening? What is your recommendation to the city? What is your recommendation to future classes? Is there something to be done?

Sunzu, Rwanda / toilets

I spoke with the group a lot about how the composting process works.

Website: Thanks for your problem statement. It seems that the first thing to do may be to try to empty the present septic tank and put it in a large compost pile that is covered and protected from overflow. Did they consider this? I realize that this is now potentially too late given how fast they want to run things. However, it indicates how important a problem statement is. I wonder if you stated that there was already a septic tank and I missed it or forgot.

Nice introduction page.

Where on the map is the present latrine? Septic tank?

- Poop along will eventually compost on its own. It has to. It just takes very long.
- In your lower drawing, of the bucket toilet, please state that this kind of urine diverter isn't a diverter at all because the urine first filters through the feces. You will likely have difficulty in keeping it clean (physically clean as well as free of pathogens), as well as the screening system.
- They should have a long stem thermometer so they can monitor temperature.

You might make a statement that this would potentially serve as a model for people in their homes. The bucket toilet is the only model that would be financially accessible.

It is nice that you put in a short explanation for the references. It would be nice to have a case study of who/where there has been a toilet that worked well. Has anyone (besides me and Jenkins of Humanure Handbook) that has made this work... Please feel free to make references to what I do if you like, referring to my video or anything else at my house. Oh, yes, have a description of SOIL with direct links. Your first reference seems helpful. Please put these links link directly in some of your discussions. After looking more closely, this page should be built out more. Please turn it into a “case studies” and write a few paragraphs about what has worked elsewhere. This page would then be a very useful reference for people thinking about making this change.

Please see the other websites and talk/work with the other groups... A lot what I wrote to Sunzu water and Open Defecation groups, pertains to your group as well. You should cross link each others' projects where appropriate.

Nice start. Please make the additions I recommend above.

Open Defecation

I liked the description of the decision matrix even though we don't cover this in 391 usually.

Website: “we are working *with* some of...”... can you also provide a link to your friend's work where you mention her in the beginning?

I'm curious if the rest of the class approves of the use of the word “sh**ty” in your introduction, or if it strikes them as inappropriate, unprofessional, or detracting.

I don't think that “OD technologies” is a correct term. Maybe you mean “technologies to mediate OD”?

Nice reference to past work.

In your “Challenges of Project” part, I think you need to flesh out the challenges a little more.

For instance, what does “use of carbon, such as vegetation” mean? Who does it?

Nice personal statements (but a picture might be nice too). I especially liked Jessica's observation of what she's learned about development while here at Cal Poly.

Please see the other websites and talk/work with the other groups... A lot what I wrote to Sunzu water and compost groups, pertains to your group as well. You should cross link each others' projects where appropriate.

Please explore what has been done for situations such as this. Will we be the first people to try to introduce something like this? Does SOIL have no benefit as a model... I mean I really don't know. It could be that SOIL isn't a good model. But I think they are still worth mentioning even if to say “they are a bad model for us because...”

Ultimately, do you have a recommendation for Uganda? For Aid Africa? For our trip? For other villages?

Do you have a Stake Holder's Analysis?

Good website. Please incorporate what I recommend above.

Solar Suitcase

Fine. We should decide what we want to communicate to We Share Solar.

Website: Your website is on the SUSTAIN public website, so any person from the public can edit it. You don't have to change this... but I just want you to know.

I think you should start with your goal and then introduce “we share solar” after that with a direct link to them. Your actions and the actions of our group are not independent from WSS, but are

distinct from WSS. You mention using a heating element for cooking. Please communicate with the ISEC group and read their website. You may want to cross link your project websites.

I think you should have a direct link to a 5-minute exemplary video of Rick and Morty?

There is something wrong with this sentence: "a more inexpensive unit that may not be as reliable is something that the people in these poor villages around the country would greatly appreciate."

I think you should have some of the background to how the WSS program works and the input from Maddie Kerwin and the intention is both to bring electricity to rural clinics as well as motivate kids to learn about the technology and humanity aspects.

Please pick a target community and investigate how they live. You may want to look at Beacon of Hope and/or Aid Africa? Or did you want to look at South America, where a lot of WSS is interested in?

Do you know of other rural electrification projects? Please do a short, quick search and see what comes of it.

Provide references and direct links.

OK, good website. Please finish up with a consideration of Stake Holders and local people. And recommendations as to where this project should go.

PPH mitigation

Fine. Keep it up.

Website: The word "position" seems kind of odd to me in your title page.

"Third world" is not a politically correct term. Maybe we use "global poor", or "resource poor".

You list "60%" twice in your statistics.

Round your numbers please. 20 million people is a good approximation for their population, and more likely for people to remember. Also 40% is close enough to 40.1%

What is the number per 100,000 births in the USA?

What does this mean: "The youth and the elderly are supposed to contrast each other and even out but it is not the case here."

I think it's interesting that maternal mortality rates in the USA have doubled in the last 30 years.

I think that this is because of diabetes/obesity.

What are the security concerns that resulted in Peace Corps evacuations?

Please provide references. What do people do elsewhere for PPH? What has worked?

At present, the website isn't adequate. I don't think you've described what you're going to do or try to do. What is your plan? How does the technology work? What are the challenges? Is there a stake holder's analysis? You have put forth a good background, but I don't see your project expressed in the website. Please let me know if I can help with this.