



COASTAL FUND AGENDA

Associated Students

Tuesday, 2/6/18 , Nati Conference Room

CALL TO ORDER 6:05 PM by Tristen, minutes recorded by Hannah

A. ATTENDANCE

Name	Note: absent (excused/not excused) arrived late (time) departed early (time)	Name	Note: absent (excused/not excused) arrived late (time) departed early (time)
Tristen Thron Chair	Present	Peter Min Outreach Coordinator	Excused
Matias Eusterbrock Co-Chair	Present	An Nguyen Outreach Coordinator	Present
Aral Greene Undergraduate Rep	Present	Peter Min Outreach Coordinator	Present
Jordan Gallagher Undergraduate Rep	Present	Rebecca Nishide Administrative Assist	Present
Esha Suri Undergraduate Rep	Present	Hannah Bone Administrative Assist	Present
Alana Ayasse Graduate Student Rep	Present	Senate Liaison	
Courtney Thomas Graduate Student Rep	Present	Sarah Siedschlag Advisor	Present

B. COMMITTEE BUSINESS

1. Approval of Attendance and Proxies

MOTION/SECOND: Tristen/Jordan

Motion language: motion to approve the attendance and proxies

ACTION: Consent

Additional approval required: YES (Senate)

2. Approval of Minutes

MOTION/SECOND: Tristen/Jordan

Motion language: motion to approve the minutes from last meeting

ACTION: Consent

Additional approval required: YES (Senate)

C. PUBLIC FORUM

(Announcements, appreciations, concerns, requests to have items added to agenda)

D. REPORTS

1. **Advisor Report: Siedschlag**
 - i. **EAB town hall with Joan**
 1. **Have her takeover their normal Wednesday meeting**
 2. **7 PM in GSA**
 3. **Wednesday February 14th**
2. **Chair Report: Thron**
 - i. **No report**
3. **Senate Report**
 - i. **No report**
4. **Administrative Report: Nishide**
 - i. **First minor grant requests**
 - ii. **All due on the 23rd**
5. **Coastal Service Program Report: Bone**
 - i. **No report**
6. **Outreach and Education Report: Min & Nguyen**
 - i. **Broke Film Screening**
 1. **Overall opinion: Good film featuring a lot of ES faculty, EDC, and local community members**
 2. **Potential cosponsorship with EDC to screen it**
 - ii. **Co Sponsorship with Surfrider**
 - iii. **Earth Day coming up in April 21-22**
 1. **IV earth day (sunday) and SB earth day (saturday) on the same weekend**
7. **Sub-Committee Reports**

E. AGENDA

1. **Approval of Agenda/Additions to Agenda**

MOTION/SECOND: Tristen/Courtney

Motion language: motion to approve the agenda and the additions

ACTION: Consent

Additional approval required: YES (Senate)

F. OLD BUSINESS

1. (item)

MOTION/SECOND: (name)/(name)

Motion language:

ACTION: Consent

Additional approval required: YES (Senate)

G. NEW BUSINESS

1. SPR 17-13 Extension Request (Consumer-mediated nutrient cycling in kelp forests: identifying how consumer hotspots drive primary production in the Santa Barbara Channel)

MOTION/SECOND: Courtney/Matias

Motion language: motion to deny spring 17-13 spring 17-13 extension request

ACTION: Consent

Additional approval required: YES (Senate)

2. SPR 17-13 Reallocation Request (Consumer-mediated nutrient cycling in kelp forests: identifying how consumer hotspots drive primary production in the Santa Barbara Channel)

MOTION/SECOND: Courtney/Tristen

Motion language: motion to deny SPRING 17-13 reallocation request

ACTION: Consent

Additional approval required: YES (Senate)

3. WIN 16-12 Extension Request (The use of novel water sampling systems to study nutrient dynamics and human impacts on Santa Barbara coastal kelp forests)

MOTION/SECOND: Tristen/Alana

Motion language: motion to approve winter 16-12 extension request

ACTION: Consent

Additional approval required: YES (Senate)

4. Endorsement: Office of Sustainability Letter of Support

MOTION/SECOND: Tristen/Jordan

Motion language: motion to sign the office of sustainability letter of support

ACTION: Consent

Additional approval required: YES (Senate)

5. WIN 18-06 Additional Emergency Funding Request

MOTION/SECOND: Tristen/Jordan

Motion language: motion to approve winter 18-06 additional emergency funding request

ACTION: Consent

Additional approval required: YES (Senate)

6. WIN 17-07 Reallocation Request

MOTION/SECOND: Aral/Jordan

Motion language: motion to deny funding for winter 17-07 reallocation request

ACTION: Consent

Additional approval required: YES (Senate)

7. WIN 18-12 Emergency: Analysis of Implications of the Thomas Fire to Coastal Water Quality and Organism Health

Department: Bren School, UCSB (Nicol Parker)

MOTION/SECOND:

Motion language:

ACTION:

Additional approval required: YES (Senate)

Approved Budget:

- Field and analysis assistant, 2@ \$20/hr for 15 hours/week for 4 weeks, total \$2400
- Project Manager and Analyst (PhD student), 1@ \$5000/quarter for 1 quarter, total \$5000
- Field Technicians, 4@ \$3400/month at 16% time for 2 months, total \$4,352.00
- Sample analysis metals (per event), 6@ \$396 each, total \$2,376.00
- Sample analysis nutrients, 6@ \$600 each, total \$3,600.00
- Flow meter, 1@ \$1500, total \$1500
- ~~total requested: \$19,228.00~~ \$0

Board Discussion Notes:

- Courtney is friends with Nicol but not to extent where it is a conflict of interest
- Not impressed by the proposal, not well written
 - no citations, no literature, no reason indicated
- Don't even mention all the other labs on campus that have measure these things or the on going projects that are researching these things as well
- Doing it in an expensive way: hiring professionals and high student stipends
- Say they are going to measure turbidity dissolved oxygen
 - but they only say they are going to measure two things
- Not working with other available labs on campus that study similar things
 - never mention the two other labs that study the streams around here
 - Those labs have years of data on these streams and it be good to have baseline data samples
 - Mention channelkeeper but they do not measure all this stuff
- Seems like a yes or no type thing but they did not fill out the application correctly
 - We do get other grants that aren't seeking other fundings but they did not give us a way to partially fund them
 - big line items that seem difficult to cut without them having told us what was essential
- Feels like a grant that was thrown together last minute
- A lot of the sampling scheme is based on having 3-5 additional rain events and the likelihood we're gonna have those is unlikely because the season ends in March
 - time period says done in april, plan to extend if there are more storms
- Looking at post fire events on streams, you should have a continued effect for multiple years
 - potential for interesting results and data, but the effects of fire on a landscape lasts for years not just three months after (nature might not cooperate)
 - Proposed that they would sample 1-2 times and collect during storms

- baseline creeks burned ten years ago and have no water
 - not a 100% recovered area, poorly designed
 - did not refer to long term data sets, specific procedure
 - Therefore can not show effects of that fire without having that baseline
- Not scientific/not feasible
- Only benefit is we'd be funding some upstream analysis, so funding a rounded out water study

Board Decision Summary:

- Too dependent on storm events and does not warrant an emergency because it is dependent on environmental factors that may or may not happen
- Please refer to other labs for baseline data
- More extensive research on previous sampling of streams

MOTION/SECOND: Tristen/Jordan

Motion language: motion to deny funding for winter emergency 18-12

ACTION: CONSENT

Additional approval required: YES (Senate)

H. DISCUSSION

1. Reoccurring Applicant Streamline

I. PROJECT REVIEW

1) Project Title: WIN 18-01 Rethink the Drink

Sponsoring Organization: Community Environmental Council

Presenter Name: Kathi King

Summary: CEC's Rethink the Drink program aims to reduce single use plastic waste in Santa Barbara area schools. For this proposal, we would like to add water stations at Summerland Elementary School in Summerland and College Elementary School in Santa Ynez. Both schools have requested bottle filling machines in order to replace old water fountains and to provide their students and staff with a way to quickly fill up reusable water bottles as a way to reduce waste and keep everyone hydrated.

Presentation Notes:

- Focus on single use plastics
- One of first orgs pushing for laws to reduce single use plastics
- Worked on the state law for Prop 67 in 2016
 - When the manufacturers put it on the ballot instead of through Jerry Browns office
- Started Rethink the drink in 2010
 - Provide source reduction
 - Replace leaky old water fountains
 - Allow students to have the option to refill water bottles instead of rely on water fountains

- Almost done with lower SB county, now filling in where there are gaps
- Summerland is a connector school
 - Has been asking for hydration stations for a long time
- College district in Santa Ynez is small and budgets are tight
 - Able to provide water station to their upper aged school before
- Trying to fill in gaps and have continuity for students
 - Helps give them that sense that this is important and that they are supported in maintaining this habit
 -

Board Questions:

- Can you describe the education process, what you present about, follow up?
 - Generally each water station is accompanied by an environmental presentation (school-wide) for the whole school
 - Presentation is ever evolving with current research that is done, but kids awareness has definitely grown over the years
 - Explain long term use plastic vs single use plastic to students
 - Explaining garbage patch more realistically
 - Follow up depends on school - go back to charter school every year to stay connected and present
 - Partners in education has King over for career days
 - Take advantage of all opportunities
- The proposal mentions progress surveys, do you have any information on past progress surveys?
 - Gets asked back every year to dos puebllos wellness fair, gets best updates on surveys there
 - About awareness and habits, usually polls of awareness and use are pretty high
 - Awareness on desire to reduce single use plastics has grown over time
- Do you know of any studies about people quantifying the impact of single-use plastic in this area in particular?
 - Unsure about local studies
 - Beach clean ups usually parse out what they collect
 - Usually take national data and extrapolate it down to come up with those numbers
- Is the 15 hours per school spread across several days? Weeks?
 - For the duration of the project generally
 - 2-3 site visits in addition to coordination for getting the station
- How do you prioritize schools that you put stations in?
 - Originally prioritized by free and reduced lunch
 - started with schools that seemed to have the greatest need
 - Not always a socioeconomic thing, is also a convenience thing
- Do you ever see schools removing vending machines for soda/water bottles
 - They did at san river high
 - Study on vending machines showed that most of the sales from vending machines went back to company, also concerned about electricity use
- Why do you choose this model in particular?
 - It's really been the workforce, other companies are trying to follow suit now but Elkay has been working on this for a hundred years and they put out reliable machines

- They are the industry standard and continue to improve them
- Easy for custodians to take care of
- Time period: fall 2018 and bottle distribution, where do you get the bottles from?
 - Sometimes grants allow for us to buy water bottles
 - Have ongoing relationships with foundations that provide benefits to schools
 - Their funding allows us to carry an inventory of bottles
 - One per student, usually try and do student and staff

Board Discussion:

Board goes into closed discussion

MOTION/SECOND: Courtney/Tristen

Motion language: Motion to table winter 18-01

ACTION: Consent

Additional approval required: YES (Senate)

2) Project Title: WIN 18-03 Preventing New Fossil Fuel Projects and Impacts on Climate Change

Sponsoring Organization: Environmental Defense Center

Presenter Name: Linda Krop

Summary: Founded in response to the 1969 Santa Barbara Oil Spill, EDC has always prioritized action to prevent irresponsible oil drilling. Preventing New Fossil Fuel Projects and Impacts on Climate Change specifically focuses on new threats from oil and gas development to our coast. This heavily research-based project will allow us to highlight the climate change concerns of all of these new threats and compile this information into a useable resource on which our organization can rely as we move forward with our work focused on climate and energy.

Presentation Notes:

- EDC is a public interest environmental law firm → policy and advocacy work in addition to education
- Offshore: the federal administration is proposing to open up the entire coast to oil development
 - Administration drafted planned for new oil development in our region
 - A lot of interest in our particular region, because there is already industry in this region
- As this plans go through the process, the administration will withdraw some areas from potential prospective development
 - Original lawsuit from EDC that terminated previous threats of oil development
 - Santa barbara is only explicitly stated point of interest
- Burden is on us to fight that threat again
- Onshore: North part of the county there is active onsite oil development
 - 375 proposed sites
- Going to be looking at the most significant impacts and right now the most significant one is climate change
 - This project will help us study the climate change impacts
 - Any research found will be made available to the public, not just our clients
- Student is not restrained on research

- Core component of the project is to have one of the attorneys supervise an intern to research recent climate change studies
- Did a report like this about 6 years ago with comments to plug into various efforts that was very successful and well done
 - Work is already outdated
 - New studies continuously showing climate change impacts on different species or resources so what we desperately need is to bring in current information so we can show how dire the situation is
- First thing the intern would do is bring in all the studies of the past 5 years and summarize it for attorney
 - Research and writing skill development with attorney supervision
 - Work with attorney to help submit the work in comments to send out to agencies worked with
 - Learn about laws that apply
 - From there, intern has flexibility with what they can do with the information and how it can be utilized

Board Questions:

- What are the legal pathways to stopping something like offshore drilling
 - For offshore leasing that is subject to NEPA, but it is quite an extensive process
 - Federal government can lease areas that are 3 miles off the coast→ eventually amended to allow community more say in the issue so now they have to have 5 year plans
 - Currently in the middle of 2017-2022 plan, but Trump is currently proposing new plan
 - First step is to come up with new 5-year drafting plan to submit impact statement
 - Next step will be subject to CEPA
- Can you clarify what you mean by impacting climate change? Processing? Combustion?
 - It's a combination of energy development of the resource and the combustion of fossil fuels
 - Agencies often don't look at the impact of what happens after production
 - Agencies analysis ignored 85% of emissions in previous statement
- Are you just focusing on strictly climate change? Or will there be a more local focus?
 - Will try to focus on both, climate change is global/cumulative impact
 - Will talk about local impact as well
 -
- You mentioned that the report generated by the intern will be open to public, how will they be accessed/available to the public
 - Something we will work out with the intern
 - In terms of the comments we get from the abstract those will be public access form both us and agencies websites
 - Beyond that we would like to brainstorm with intern to create an educational outlet for it
 - Potential for campus website, blogs, social media
 - Lots of creative options there
- Speak more about staff interaction with inter/amount of time staff spends with intern?
 - Love our interns

- We prefer the interns spend their time in our office in order to get exposure to our project and what other people are working on
- Spend a little of our time in our office with administrative work and with that we try and educate them on some of the issues based on the calls we get
- In terms of the project itself, we like to have weekly check ins to make sure they are on track
- Elaborate on communications and outreach material line item?
 - We have communications director who would be available to figure out what strategies and materials we want to pursue (blog, written materials)
 - Built in to this budget to have that staff person available to the intern as well
- Does the EDC have a position on alternative fuels?
 - Yes, part of what we need to do is identify the impacts from the project but also come up with alternatives
 - Under both CEPA and NEPa, an agency must look and study the alternatives so we do point to renewable energy and alternative sources but that won't necessarily be embedded in the project

Board Discussion:

Board goes into closed discussion

MOTION/SECOND: Courtney/Jordan

Motion language: motion to table winter 18-03 with intent to fund in full

ACTION: Consent

Additional approval required: YES (Senate)

3) Project Title: WIN 18-04 Hydration Stations

Sponsoring Organization: SBCC Center for Sustainability

Presenter Name: Carrie Dungan

Summary: SBCC's Sustainability Committee is requesting a grant for the installation of four water bottle refilling stations on campus to reduce the consumption of single-use plastic water bottles. By providing students, faculty and staff with easy opportunities to refill their water bottles, they will be less inclined to purchase single-use plastic bottles, reducing SBCC's overall waste output.

Presentation Notes:

- Some of the things we do is try and educate students on sustainability and work on small scale projects
- Requesting funding for water hydration station to get rid of reliance on single-use plastic bottles
- Have about 6 hydration stations in about twenty buildings
- Installing these can help instill good habits for our students, who can take those practices to their future schools
 - Lot of CC students transfer to UC

Board Questions:

- Do you have any ideas about encouraging students to buy reusable water bottles?

- Portion of sustainability committee is also dedicated to outreach and education
- Have had companies donate water bottles to give away/raffle
- Can publish in newspaper, advertise
- Plaque to encourage buying reusable bottle
- Do you have ideas for where on your campus and where these would go?
 - Two in biological science buildings
 - Downstairs of library
 - Physical sciences building
 - Easy access where they will be seen
- What makes you prioritize those locations?
 - PE buildings because most people drinking water around these areas
 - Biological buildings because students are more environmentally conscious in those areas
 - Library because most students are in that area
- Have you been working with facilities people to make sure this can be done?
 - Do not have money to buy them, but facilities manager said he would install for free if she could get funding
- How did you choose this particular filter and number
 - Reliable and good reviews
 - Used on campus already
 - Four just seemed like a reasonable number?
 - Yes, we will take anything you guys are willing to save us
- Do these count how many water bottles saved?
 - yes
- Are these filtered water or reverse osmosis
 - Unsure which one it is, but it is refrigerated which can attract more students
- Did your committee put in the ones already there?
 - Teacher who started committee got a few stations provided
 - This seemed feasible and high impact
- When you walk around campus, do you notice people have plastic or reusable bottles
 - In biological classes, most people have reusable ones but around popular areas like the library there is a lot of plastic ones
- If you get these fountains, can you put out an email blast to let people know they are available?
 - Already in touch with one of the writers in our school newspaper and they are going to write an article about it as well as send out a school wide email

Board Discussion:

Board goes into closed discussion

MOTION/SECOND: Tristen/Alana

Motion language: motion to table discussion for winter 18-04 with intent to think about it and reassess at a later date

ACTION: Consent

Additional approval required: YES (Senate)

ADJOURNMENT AT (time)

MOTION/SECOND: Tristen/Jordan

Motion language: Motion to adjourn meeting at 8:45 PM

ACTION: Consent

Additional approval required: NO