The Student Sustainability Committee is a group of undergraduate and graduate students dedicated to building a more sustainable Illinois campus, with the partnership of a team of staff and faculty members. SSC allocates funds annually toward the development and seed-funding of projects that have an environmental impact on the university community.

I. Meeting Called to Order on: Saturday April 30, 2022
II. Meeting Called to Order at: 9:09pm
III. Purpose of Meeting
IV. Attendance
   a. Present: Lucy, Caitlin, Natalie, Maria, Sari, Jessica, Sammy, Eric, Kevin, Holly, Nicole, Cici, Emma, Emmarie, Tori, Julia, Sari, Liz
   b. Absent: 
V. Agenda Items
   a. Land Acknowledgement
   b. 2022-2022 Board Recruitment
      i. If you are a current member and want to continue being apart of SSC, you will need to reapply by Thursday May 5, 2022.
   c. Budget
      i. Allocated semester: $707,252.40
      ii. Total requested amount for Voting Meeting #1: $648,880
   d. Reminders
      i. Volunteers are needed to assist with Building Envelope Pilot Project at the Transportation Building all day (8am – 5pm) on Saturday May 21, 2022
         1. Let Stacy Gloss (sgloss@illinois.edu) know if you are interested
      ii. Dr. Andrew Stumpf and his colleague Dr. Alessandro Rota Loria are looking for a demonstration site for a new
geothermal heat exchange technology, they will be applying for funding for Fall 2022.

1. Welcoming SSC student collaboration

iii. Join SSC
1. Tell your friends, roommates, etc.
2. SSC members would be interested in reviewing applications

iv. Summer Funding
1. Not a necessity that needs to be considered anymore after voting meeting, most money has been allocated to a project.

e. Wrap-up
i. There might be an upcoming social before SSC is done for the semester.

VI. Action Items
a. Team Member’s Scheduled Responsibilities (Need to be met before next meeting.)

b. Scope Change
i. Composites in Aviation
    1. Motion to Approve scope change for extension: Natalie
    2. Second: Nicole
        a. Yes: 14
        b. No: 0
        c. Abstain: 0

c. Voting
i. Intelligent Mobile Sensing Unit for Building Energy Efficiency - $35,1982
   1. Notes:
      b. WG (Scotlyn): Robot will have a sensor
      c. Project budget did go down, with a more detailed breakdown
   2. Motion to Approve: Natalie
   3. Second: Nicole
      a. Yes 14
      b. No: 0
      c. Abstain: 0

ii. Illinois Solar Decathlon Build Challenge - $150,000 (Renu-House)
   1. Notes:
      a. “[Design and build] a home for a single parent two children... reaching net zero energy emission while incorporating global environment sustainability and affordability”
b. Solar Decathlon
c. WG (Scotlyn): Project leads are trying to bring more media exposure
d. Working on behalf of Habitat for Humanity, funding is only for the challenge

2. Motion to Approve: Natalie

3. Second: Caitlin
   a. Yes: 14
   b. No: 0
   c. Abstain: 0

iii. Soil Database for UIUC Campus - $7,500
1. Notes:
   a. “the proposed project will bring together all the soil records from campus building projects into one database that will be made available through the ISGS ILWATER mapping project. I will assist F&S Staff and ISGS scientists in developing and building the database and map project”
   b. Although F&S is enthusiastic about the project, there is the main issue of recurring subscription for database, can be exported out the paid subscription
      i. Subscription is a one-time payment ranging within the $1K to $1.5K

2. Motion to Approve: Caitlin

3. Second: Nicole
   a. Yes: 14
   b. No: 0
   c. Abstain: 0

iv. Environmental Justice Outreach and Research Initiative - $2.448k
1. Notes:
   a. “EJORI is a year-long collaborative program to engage undergraduate students in academic scholarship and community outreach for environmental justice, with a focus on issues in environmental racism, intersectional econ-feminism, energy justice, and environmental health”

2. Motion to Approve: Natalie

3. Second: Caitlin
   a. Yes: 14
   b. No: 0
   c. Abstain: 0

v. Sustainable Biochar for Phosphorus Removal and Recovery - $9,000
1. “Do research on use special biochar to absorb phosphorus in wastewater do reach on sue special biochar as fertilizer once it absorbs phosphorus

2. Motion to Approve: Caitlin

3. Second: Albert
   a. Yes: 14
b. No: 0  
c. Abstain: 0  

vi. Composting with BNAAC - $7,500  
1. Notes:  
   a. Project lead was told to reapply for Step II application but there was no submission  
   b. WG should reach out to encourage them to apply for under $10k application  

vii. Low Mow Zone PAR/FAR - $2,500  
1. Notes:  
   a. Project is only seeking for $2,500 rather than the full amount, which is half the original asking price  
   b. Led by Morgan and Brent  
   c. Motion to Approve: Caitlin  
   d. Second: Albert  
      i. Yes: 14  
      ii. No: 0  
      iii. Abstain: 0  

viii. Cetacean (The Whale) Part II - $97,680  
1. Notes:  
   a. Whale has had a design change, will be mainly reusing water bottles  
   2. Motion to Approve: Caitlin  
   3. Second: Lucy  
      a. Yes: 12  
      b. No: 1  
      c. Abstain: 1  

ix. Energy Efficient Ultra-low Freezer - $10,000  
1. Notes:  
   a. SSC does yearly freezer challenge, more labs should be requesting equipment upgrades  
   2. Motion to Approve: Caitlin  
   3. Second: Natalie  
      a. Yes: 14  
      b. No: 0  
      c. Abstain: 0  

x. Biomass Boiler Upgrades to Ash Handling System – $12,000  
1. Motion to Approve: Sari  
2. Second: Caitlin  
   a. Yes: 14  
   b. No: 0  
   c. Abstain: 0  

xi. Aluminum Bike Parking Canopy – $12,000  
1. Motion to Approve: Caitlin  
2. Second: Natalie  
   a. Yes: 14  
   b. No: 0  
   c. Abstain: 0
xii. Purchase and install new Eco-Counters - $60,000 to $140,000
   1. Notes:
      a. Three-7 sets of bicycle and pedestrian counters with Eco-Counter on campus, which will support future research, projects, and policy
      b. SSC will vote for what funding can allow for
   2. Motion to Approve for 6 Eco-Counters $120,000: Natalie
   3. Second: Caitlin
      a. Yes: 14
      b. No: 0
      c. Abstain: 0

xiii. Purchase and Install Bike Racks for Covered, Secure Bike Cage - $3,000
   1. Notes:
      a. Fund two bike cages
   2. Motion to Approve: Sari
   3. Second: Scotlyn
      a. Yes: 14
      b. No: 0
      c. Abstain: 0

xiv. Reducing Water Waste in Talbot Laboratory - $80,000
   1. Notes:
      a. "unplug Urbana city water, plug in chilled water loop"
      b. The budget given is only an estimation and might be higher → SSC agrees that they have more funding that can be given if needed
   2. Motion to Approve: Caitlin
   3. Second: Albert
      a. Yes: 13
      b. No: 0
      c. Abstain: 1

xv. Student Services Arcade Building Water Bottle Fillers - $6,900
   1. Motion to approve: Caitlin
   2. Second: Albert
      a. Yes: 14
      b. No: 0
      c. Abstain: 0

xvi. Morrill Hall Sustainable Fume Hood Upgrades - $145,500
   1. Notes:
      a. Does SSC have enough funding to guarantee full funding? Yes!
   2. Motion to Approve: Natalie
   3. Second: Caitlin
      a. Yes: 14
      b. No: 0
      c. Abstain: 0

VII. Items to be Discussed at Forthcoming Meeting
VIII. Date of Forthcoming Board Meeting
     Good of the Order
IX. Meeting Adjourned at: 10:46am