

President's Sustainability Committee

Minutes

June 19th, 2017, 1:00-2:30 pm

TILT 104

Members Present: Carol Dollard – Facilities Management – Co-Chair of PSC
Tonie Miyamoto - HDS, Student Affairs – Co-Chair of PSC
Van Wallace – Facilities Management
Kirstie Tedrick – STARS Intern
Jake Drenth – Surplus Property
Farrah Bustamante – Procurement Services
Aaron Fodge – Parking and Transportation Services
Tim Broderick – HDS
Jocelyn Hittle – CSU System
John Fitch – Morgan Libraries
Julie Kallenberger - CSU Water Center and Colorado Water Institute
Aleta Weller – SoGES
Chris Giglio – EHS
Pradnyesh Rokde – ASCSU
Nicole Johnson – College of Business
Barb DiPasquale – CSU Foundation
Ken Shockley - College of Liberal Arts

1. Introduction to Pollinator Friendly Campus

- a. Arathi Seshadri is a professor in the Department of Soil and Crop Sciences, whose research focuses on pollinator diversity. Particularly, she is interested in honeybee health and nutrition.
- b. [Bee Campus USA](#) is designation from a non-profit organization, Bee City USA, which is dedicated to increasing pollinator friendly habitats in cities and college campuses.
- c. Arathi and he students are participants, among others, on a Bee Friendly Campus Committee. This group is evaluating steps the University can take to becoming more pollinator friendly. Arathi's presentation outlined the following actions to becoming more pollinator friendly:
 - i. Establish a committee (faculty, students, and staff) charged with the creation of a campus pollinator habitat plan. The habitat plan should include native plants from regional sources and a public integrated pest management plan.
 - ii. Host an annual campus event to raise awareness of the importance of pollinators. Arathi and her students already participate in National Pollinator Week, Earth Week, and Arbor Day but the Committee will also develop additional ideas about pollinator events.
 - iii. Sponsor and track student service-learning projects to enhance pollinator habitats on-and off-campus.
 - iv. At least biennially, offer a course and/or workshop on Pollinator Ecology and/or Integrated Pest Management and/or Landscaping for Pollinators. Arathi teaches a class focused on Pollination Biology, Management, and a Master's student studying with Arathi hosts pollinator training workshops with citizens in their backyards to increase pollinator education.
 - v. Post signage regarding pollinators to educate the campus and broader community about pollinator-friendly landscaping principles. Signs can include information about the best types of pollinating plants, the role of pollinators in food productions etc.
 - vi. Maintain a webpage on the institution's website to share news and activities. SOURCE would be a good avenue to share news.
 - vii. Apply annually for renewal.
- d. The Bee Friendly Campus Committee will continue to evaluate actions the University can take to pursue the Bee Friendly Campus designation.
- e. There is some degree of fear of bees on campus but the Committee will increase education about bees vs. wasps and the myths about bees that increase people's fear.

- f. The Committee will create a “swarm hotline” for people to report concerns about swarms.
- g. The Committee is evaluating potential sites on campus to host beehives. Arathi’s research bees are currently on the ARDEC campus and it would be easier to have the bees closer. Potential sites could include South or Foothills Campus.
- h. The PSC was in consensus to support the Bee Friendly Campus initiative. More updates about the progress of the Committee will be brought to PSC as they develop.

2. Emerald Ash Borer

- a. Fred Haberecht, from Facilities Management, gave a presentation about the University’s plan to address the Emerald Ash Borer.
- b. Emerald Ash Borer is an invasive pest that kills all ash trees, including all sizes, species or locations.
- c. The EAB has not been detected in Larimer County yet but it is in Boulder County and will eventually come to Fort Collins/Larimer County.
- d. The CSU policy to address the EAB is in line with City of Fort Collins and forestry agencies.
 - i. The recommendation is to not treat two thirds of the ash trees on campus, but to remove them over time.
 - ii. 240 of the ash trees on campus are long-term assets that the University plans to keep and treat with insecticide.
- e. Loveland has started treating trees this year, but CSU will wait until there is evidence of the insect in this area. Our campus arborists are vigilant in watching for signs of Emerald Ash Borer in the trees on campus.
- f. It takes three years to see dieback on the tree.
 - i. If treated in initial year of infestation, then the tree can recover most likely, but it will need treatment for the rest of its life.
 - ii. Waiting will diminish the success of the treatment.
- g. A concern for the community is what to do with the standing dead trees.
- h. Insecticide trunk injection treatment must occur every other year. The success rate of tree injections is almost 100%.
 - i. A 30-inch ash tree is approximately \$250-\$275 for trunk injection treatment every other year.
 - ii. To remove a 30-inch ash tree is approximately \$2,500.
 - iii. To remove ash trees under 14 inches in size is approximately \$600
 - iv. \$500 to replace trees of this size.
- i. CSU will plan to treat ash trees 15 inches and above; we will likely get 40–50 more years out of those trees (not counting storms that may affect them).
- j. Most likely emerald ash borer will be introduced to this area by people bringing infested firewood from other locations.
- k. CSU’s goal is to have less than 10% of any given species or family of tree on campus.
- l. Whitney Cranshaw, a Bioagricultural Sciences and Pest Management Professor, is supporting this effort, involved in writing guides and providing expert information about emerald ash borer.
- m. The wood of removed trees can be repurposed for construction, biomass fuel, etc. but the volume of this dead wood will be overwhelming.

3. Retreat Planning

- a. The PSC retreat will be a half-day retreat on July 17th from 12:00-4:00 pm at TAMASAG. Lunch will be served from 11:00-12:00 pm.
- b. The intent of the retreat is to evaluate the PSC’s strategic plan, working within the sub-groups of the areas of focus.
- c. Becca will send more information about the retreat soon.

4. Announcements and Wrap Up

Jake Drenth – The Surplus Tent Sale was very successful – a total of 51,165 pounds of material was collected. Of that total, 4,262 pounds was trash (down 55% from last year) and 2,040 pounds was recyclable (up 3% from last year). The Sale saw a total of 6,046 customers who purchased 19,982 items. The Sale totaled over \$59,000

in gross sales! Also, Jake shared information about a departmental bike rental program now being offered by Central Receiving and The Spoke.

Julie Kallenberger – Julie shared information about a fundraising event for the Water Resources Archive called the Western Water Symposium and Barbeque on July 24th.

Jocelyn Hittle – The National Western Center has hired place making team, which could have initiatives that overlap with interests of the PSC. Jocelyn would like to hold a programming session with the PSC to see if efficiencies can be gained in the overlapping interests. More information about this programming session will come soon.

Aleta Weller– SoGES has designated faculty to represent the University at United Nations meeting on climate change. Aleta doesn't know how many delegates the University will have just yet.

Tim Broderick – Housing and Dining Services is now accepting applications for 2017-2018 EcoLeaders. Contact Tim if you know of interested students.

Aaron Fodge – PTS has partnered with HDS to provide ski busses for students. This was an EcoLeader project. Also, the inclusivity policy which Mary Ontiveros presented to the PSC is now formally adopted. Lastly, Wednesday 6/29 is Bike to Work Day and breakfast stations will be available from 7:00-9:00 am.

Carol Dollard – Facilities is exploring the potential for a ground-source heat pump project at Moby, which would help reduced the University's footprint and energy consumption. Lastly, the Sierra Club's Cool Schools rating program hasn't formally announced the results of this year's ratings but they will soon. Likely, CSU will be a top performer.