Land and Water Sustainability Working Advisory Team

Monday, March 9th, 2020

NSRC 358, 9 am

Members in attendance: Art Schmidt (Co-Chair), Allen Parrish (Staff), Rabin Bhattarai (Faculty), Bruce Branham (Faculty), Meredith Moore (iSEE), Jamie Ellis (Staff), Brent Lewis (Staff), Mallory Mahen (Clerk)

Members not attending: Reid Christianson (Co-Chair), Eliana Brown (Staff), Ella Liskiewicz (Student), Vikram Sudhan Muthuvel (Student), Claire Samojedny (Student)

Agenda:

1. Discuss and finalize recommendation forms to be sent to the iWG

Meeting:

- The energy team requested support from the land and water team in the form of a comment on the recommendation of their anerobic digestor feasibility study
    - Meredith will put members interested in providing a comment in contact with the energy team
    - Some members of the land and water team also have concerns about this recommendation that they would like to voice to the energy team in effort to make it a stronger proposal
- The team should start thinking of new student members to invite to join the team in the fall
- Discussion of a recommendation for a data repository dashboard "to ingest, archive, and disseminate from various sustainability related monitoring" around campus
    - Meredith and Art agree this could exist on the iCAP portal
    - Allen mentions some data should be private- such as data from research papers
    - This recommendation is beneficial to faculty who wish to obtain real-world data to use in classes
    - Many campus entities are collecting data- there is a need and benefit to publicizing it
    - This software would be campus wide- as opposed to college or department specific
    - It should be included in the recommendation that there are different models of this dashboard that can be worked on
    - Cost of implementing this estimated $10,000-15,000
        - Need to consider continuing support into cost estimate- $4,000-5,000 per year
        - Art mentions ongoing support is biggest challenge
    - Can use this dashboard to document watershed map
    - Allen mentions wifi-enabled monitors would be beneficial
        - More upfront investment, less continued labor costs
        - Digital platforms are more accessible
    - Examples of types of data: water level, soil moisture, green roof monitoring
    - Depending on the type, data can be entered manually or pulled from other

Action items:

- Add comments to Art's recommendation by March 26th
- Continue to work on recommendation forms
- Next meeting:
    - Discuss any new recommendations
    - Prioritize objectives/ recommendations for the fall
    - Invite new student members