Ongoing and Proposed Research in the Burns Bog Ecological Conservancy Area

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Abstract

Introduction

About the BBECA

Ecosystems

```
import pandas as pd
import matplotlib.pyplot as plt

Eco = pd.read_csv('BB_Data/Ecosystem_Summary.csv')

print(Eco)


# fig,ax = plt.subplots()
# BBECA['Area'] = BBECA.area
# Ecosystems = BBECA[['Area','ECO']].groupby('ECO').sum()

# Ecosystems['Pct'] = Ecosystems['Area']/Ecosystems['Area'].sum()

# Ecosystems['Type'] = Ecosystems.index
# Ecosystems.loc[Ecosystems['Pct']<.01,'Type']='Other'

# Ecosystems=Ecosystems.groupby('Type').sum()

# Ecosystems = Ecosystems.sort_values(by='Pct')
```

```
# ax.bar(Ecosystems.index,Ecosystems['Pct'])

# print(Ecosystems)
```

	MAP_UNIT	Class	AREA_sqKM	Pct
0	Water Lily - Watersh	Water	0.203007	0.006789
1	Herb. veg on dist. p	Other	0.374083	0.012510
2	Open Water	Water	0.602036	0.020133
3	Cultivated Field	Other	0.799289	0.026730
4	Disturbed Surface	Other	0.835726	0.027948
5	Hardhack Thicket	Other	1.268282	0.042414
6	Birch Forest	Forested	1.352961	0.045246
7	Mixed Conifer Forest	Forested	1.362665	0.045570
8	Pine-Salal Forest	Forested	2.043343	0.068333
9	Pine Sphagnum Woodla	Forested Peatland	2.553501	0.085394
10	Beakrush - Three-way	Gramnoid Peatlant	2.929288	0.097961
11	Pine Sphagnum Tall S	Forested Peatland	3.686075	0.123269
12	Beakrush - Sphagnum	Gramnoid Peatlant	4.025041	0.134605
13	Pine Sphagnum Low Sh	Forested Peatland	7.867276	0.263097

Restoration Activities

Two flux towers

BB1 {Img}

BB2 {Img}

Modelling Fluxes