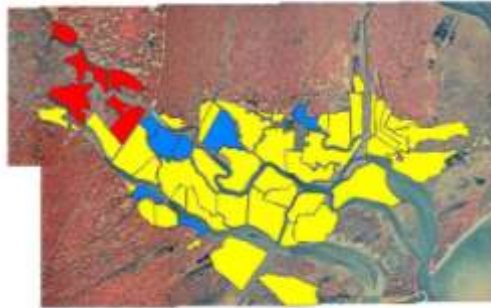
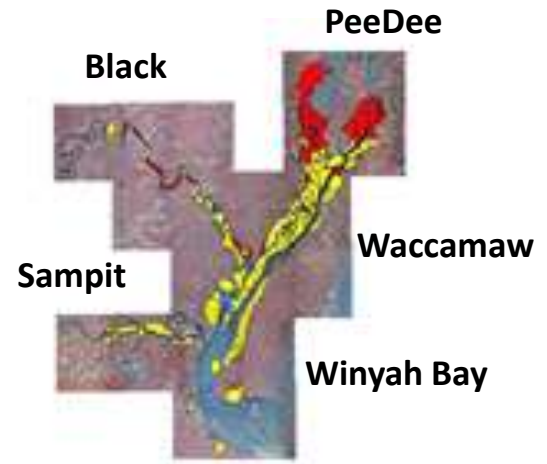
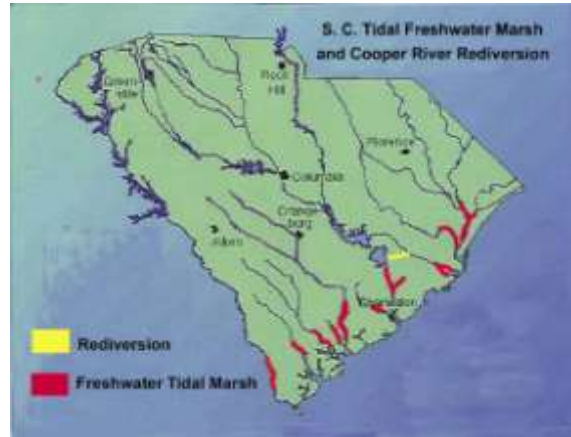


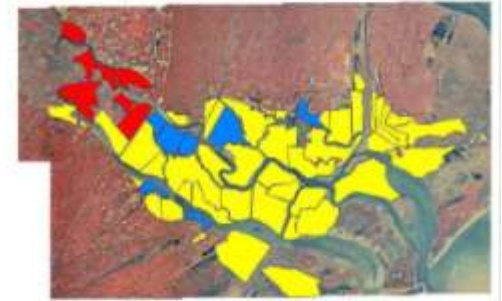
Vegetative Cover Survey of South Carolina Former Rice Fields



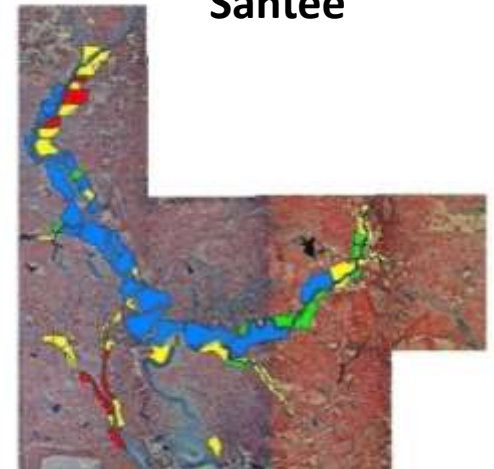
Savannah



Georgetown



Santee



Cooper

Dominant Community



Water/SAV



Floating Leaf/FLV



Emergent Marsh/ITEM



Trees/DSF or SF



Ashley

Ashepoo



S. Edisto



Combahee



ACE



Breached Field



Impounded Field

Subtidal with Submerged Aquatic Vegetation (SAV)



Subtidal with Floating Leaf Vegetation(FLV)



Intertidal Emergent Marsh (ITEM)



Intertidal Developing Swamp Forest (DSF)



Intertidal Swamp Forest (SF)



An aerial photograph showing a large, winding river system with several islands and surrounding greenery. The river is a deep blue color, and the islands are covered in dense green trees. The surrounding land is a mix of green fields and some buildings. The sky is a pale blue with some light clouds.

Oxygen Exchange Between Mulberry Rice Field And The Cooper River

Efforts to Cross Check the Pasco GLX
Dissolved Oxygen Sensor Using a YSI
6920 V2 Data Sonde

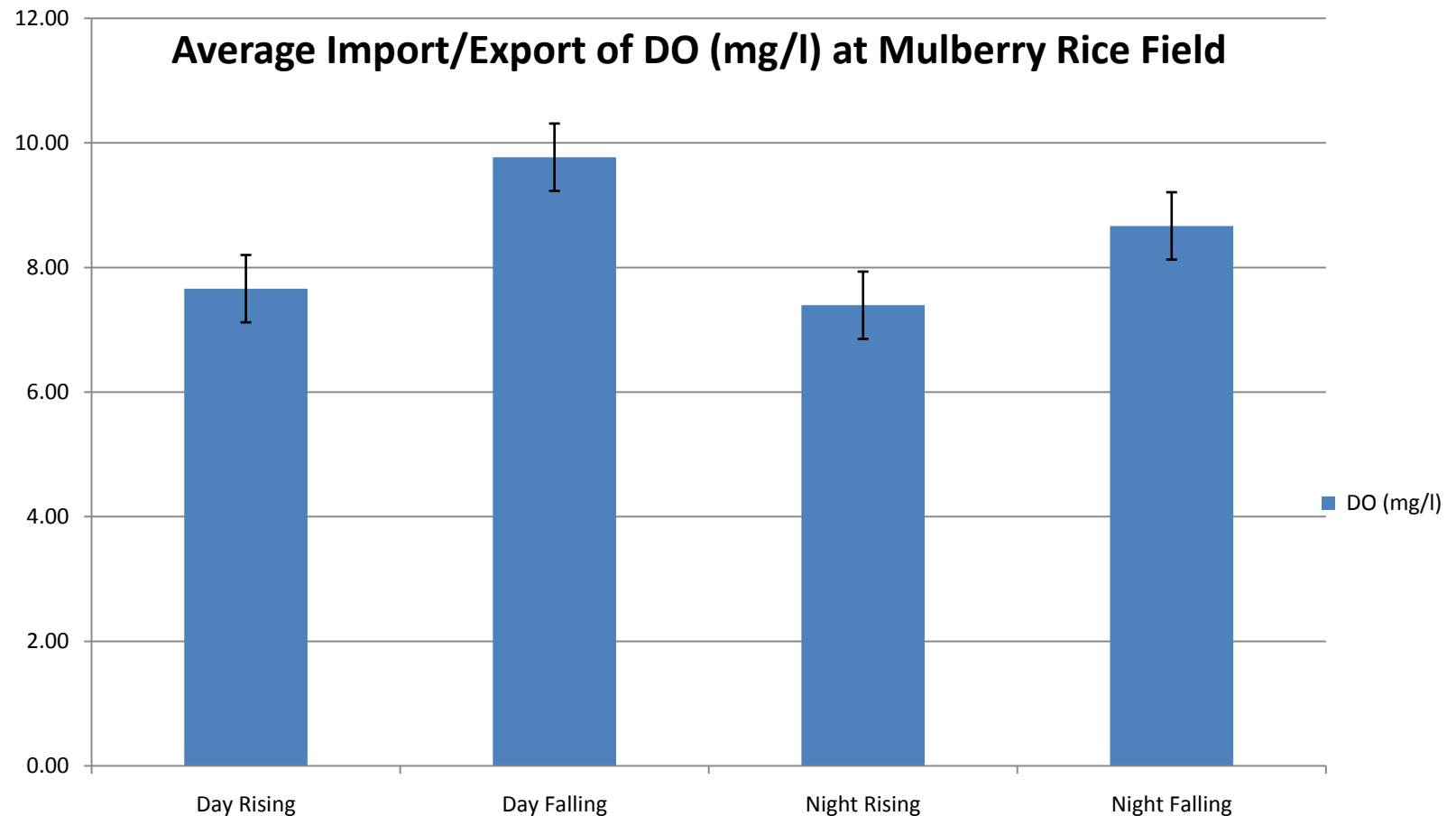
Subtidal with Submerged Aquatic Vegetation (SAV)





SAV – Hydrilla in Summer, Potamogeton in Winter





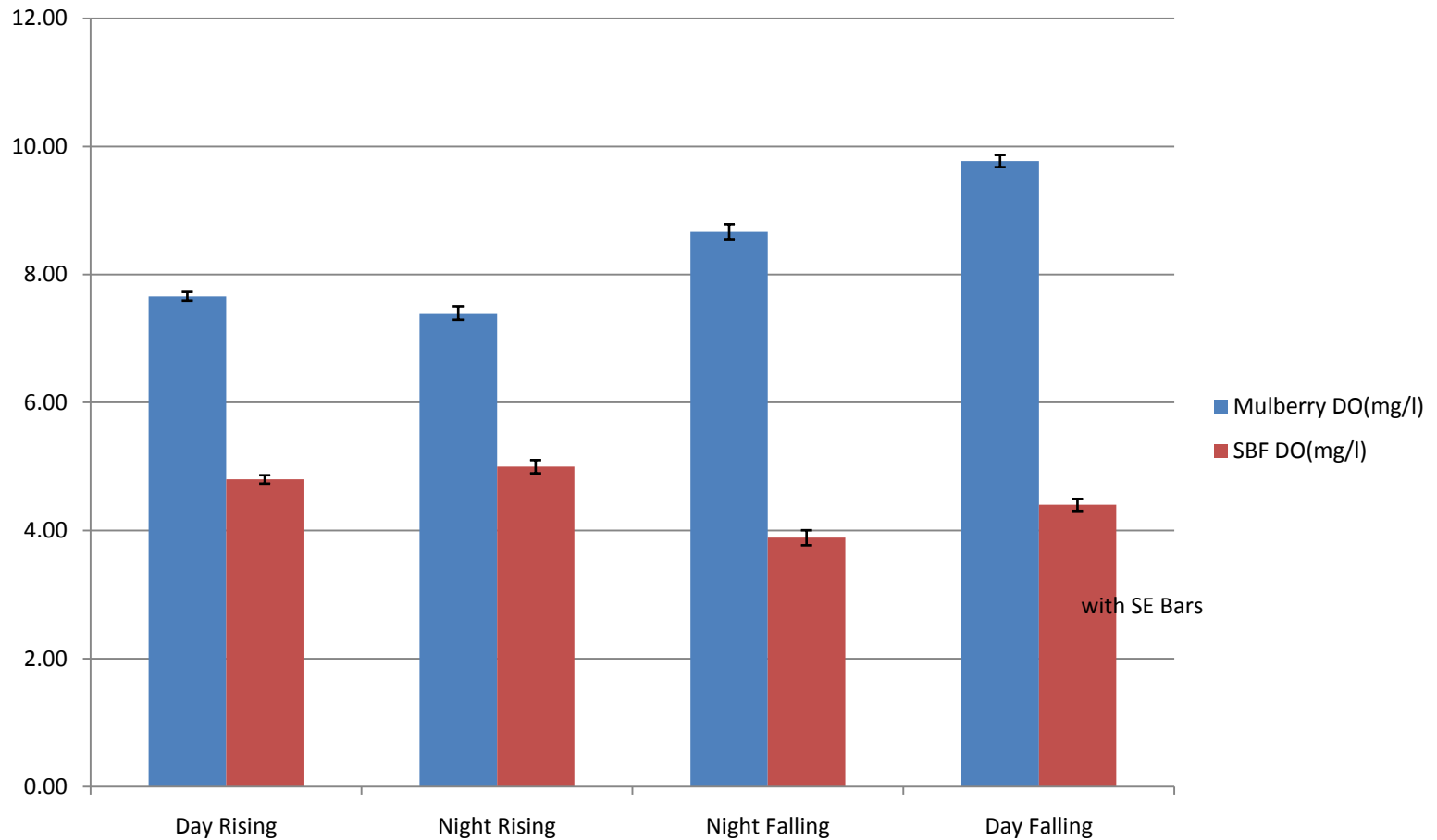
Measurements Made with a YSI 600 XLM Data Sonde at 15 Minute Intervals from 6/18/2010 to 7/7/2010. "N": DR=513, DF=501, NR=369, NF=457



**Small Bonneau Ferry
Rice Field**

Sonde Deployed Here

Comparison of Dissolved Oxygen Import/Export at Mulberry and Small Bonneau Ferry





River

•
"BOB" and YSI Deployed Here

Mulberry Rice Field





Pasco GLX Readings

Time (m)	DO (mg/l)	Temp (C)
0	10.8	23.21
5	12.3	14.43
10	20	12.89
15	10.1	15.13
20	8.6	15.24
25	8.8	15.49
30	12.4	15.59
35	18	15.72
40	20	15.75
45	20	15.74

YSI 6920-V2 Readings

Time(m)	DO (mg/l)	Temp (C)
0	9.62	16.76
5	9.61	16.82
10	9.34	15.65
15	9.36	15.67
20	9.35	15.7
25	9.37	15.74
30	9.37	15.73
35	9.36	15.74
40	9.37	15.78
45	9.38	15.79

