



Agenda

Caloosahatchee Science Symposium

September 14 – 15, 2016

South Florida Water Management District/Lower West Coast Service Center
2301 McGregor Boulevard, Fort Myers, FL 33901

Study	Description	Presenter	Time
Day 1 (Wednesday, September 14, 2016)			
Morning Session – Physical Studies:			
	Introduction and Objectives	Don Medellin	10:00 – 10:30
	Overview of the Caloosahatchee Estuary	Peter Doering, Ph.D.	10:30 – 11:00
1. Hydrodynamics	Influence of alterations on hydrodynamics	Detong Sun, Ph.D.	11:00 – 11:30
2. Inflows vs. Salinity	Monthly freshwater-salinity relationships at Ft. Myers	Chris Buzzelli, Ph.D.	11:30 – 12:00
	Lunch – On Your Own	All	12:00 – 1:30
Afternoon Session – Water Column Studies:			
3. Water Quality	Fine scale relationships between water quality and inflow	Chris Buzzelli, Ph.D.	1:30 – 2:00
4. Zooplankton	Inflow, zooplankton and habitat compression	Peter Doering, Ph.D.	2:00 – 2:30
	Break	All	2:30 – 2:45
5. Ichthyoplankton	Relationships between ichthyoplankton and inflow	Cassandra Thomas, Ph.D.	2:45 – 3:15
	Question/Answer Session	All	3:15 – 5:00
Day 2 (Thursday, September 15, 2016)			
Morning Session – Fauna Studies:			
	Introduction and Objectives	Don Medellin	9:00 – 9:15
6. Benthic Fauna	Macrofauna-salinity patterns relative to inflow	Chris Buzzelli, Ph.D.	9:15 – 9:45
7. Oyster Habitat	Assess conditions for oyster survival and growth in lower CRE	Chris Buzzelli, Ph.D.	9:45 – 10:15
	Break	All	10:15 – 10:30
8. Sawfish	Area and volume of sawfish habitat with variable dry season inflow	Chris Buzzelli, Ph.D.	10:30 – 11:00
9. Blue Crabs	Relationships between blue crab landings, rainfall, and inflow	Peter Doering, Ph.D.	11:00 – 11:30
	Lunch – On Your Own	All	11:30 – 1:00
Afternoon Session – Flora Studies:			
10. <i>Vallisneria</i> data	Empirical relationships between tape grass, salinity, and inflow	Peter Doering, Ph.D.	1:00 – 1:30
11. <i>Vallisneria</i> model	Model exploration of tape grass, salinity, light, and inflow	Chris Buzzelli, Ph.D.	1:30 – 2:00
	Break	All	2:00 – 2:15
	Question/Answer Session	All	2:15 – 3:45
	Next Steps & Wrap-up	Don Medellin	3:45 – 4:00

THIS SYMPOSIUM IS OPEN TO THE PUBLIC. COMMENTS ON THE DRAFT SCIENCE SUMMARY ARE REQUESTED TO BE SUBMITTED BY OCTOBER 14, 2016 TO: Don Medellin, Principal Scientist, South Florida Water Management District, P.O. Box 24680, West Palm Beach, FL 33406; (800) 432-2045, ext. 6340; (561) 682-6340; dmedelli@sfwmd.gov.