

**CREST SYMPOSIUM**  
**Monday, June 30 – Wednesday, July 2, 2003**  
**Student Union Center**  
**Nicholls State University**  
**Thibodaux, Louisiana**

***PROGRAM***

**Monday, June 30, 2003**

- 09:00 – 16:00      Bayou Lafourche Tour  
Departure point:  
Office of Barataria-Terrebonne National Estuary Program  
Nicholls State University Campus  
320 Audubon Drive (across the street and parking lot from Student Union  
Center)  
Thibodaux, LA
- 18:00 – 19:30      Registration and Kick-off reception

**Tuesday, July 1, 2003**

- 08:00 – 12:00      Registration

Session 1 Chair: **Denise Reed** (*University of New Orleans*)  
*Theme: The Need for Science and Technology in Coastal Restoration*

- 08:30 – 09:00      Introductory remarks – **Marilyn Kilgen** (*Nicholls State University*)  
Welcome – **Alice Pecoraro** (*Nicholls State University*) and **Denise Reed**
- 09:00 – 09:30      Information and knowledge are the touchstone: not science – **Margaret  
Davidson** (*NOAA CSC*)
- 09:30 – 10:00      Restoring the Mississippi River basin with 10 million hectares of wetlands  
– **William Mitsch** (*Ohio State University*)
- 10:00 – 10:15      Break
- 10:15 – 10:45      Science for integrated, sustainable and adaptive ecosystem restoration:  
Chesapeake Bay and coastal Louisiana – **Donald Boesch** (*University of  
Maryland*)
- 10:45 – 12:00      Panel discussion  
Panel: Margaret Davidson, Donald Boesch, Bill Nuttle (*Eco-hydrology,  
Canada*), David Kennedy (*NOAA ORR*), Ed Theriot (*US Army Corps of  
Engineers*), John Roussel (*LA Dept. Wildlife and Fisheries*)
- 12:00 – 13:30      Lunch break  
Keynote Speaker: **Richard Condrey** (*Louisiana State University*)  
Bison on the beach, parakeets in the cypress; Louisiana's historical  
ecology

Session 2 Chair: **Lawrence Rozas** (*NOAA NMFS*)

*Theme: Achieving Restoration Goals for Fish and Wildlife Resources*

- 13:30 – 14:20 Predicting and monitoring the response of animals to wetland ecosystem restoration: lessons from the Everglades – **Dale Gawlik** (*S. Florida WMD*)
- 14:20 – 14:45 Using river diversions to restore estuaries: potential effects on fisheries populations – **Wim Kimmerer** (*San Francisco State University*)
- 14:45 – 15:10 The ecological role of oysters in wetland dominated estuaries – **Charles Peterson** (*University of North Carolina*)
- 15:10 – 15:30 Break
- 15:30 – 15:55 A cost:fishery benefit analysis of wetland restoration in Galveston Bay, TX – **Thomas Minello** (*NOAA Fisheries*)
- 15:55 – 17:00 Panel discussion  
Panel: Greg Linscombe (*LA Dept. of Wildlife and Fisheries*), Virginia Burkett (*USGS*), Charles Simenstad, Charles Peterson, Thomas Minello, Dale Gawlik, Wim Kimmerer
- 17:00 – 20:00 Poster session
- 17:00 – 20:00 Reception

### Wednesday, July 2, 2003

08:00 – 12:00 Registration

Session 3 Chair: **Robert Twilley** (*University of Louisiana, Lafayette*)

*Theme: Achieving Restoration Goals for Water Quality*

- 08:30 – 09:15 Assessing and managing nutrient-enhanced eutrophication in estuarine and coastal waters influenced by human and climatic perturbations – **Hans Paerl** (*University of North Carolina*)
- 09:15 – 09:40 Nutrients, climate and hypoxia: predicting water quality trends in the next 50 years – **Dubravko Justic** (*Louisiana State University*)
- 09:40 – 10:05 A comprehensive conceptual model of wetland loss in the Mississippi Delta – **John Day** (*Louisiana State University*)
- 10:05 – 10:30 Break
- 10:30 – 10:55 Potential water-quality impacts of Mississippi River diversions in coastal restoration – **Charles Demas** (*U.S.G.S., Lafayette*)
- 10:55 – 12:00 Panel discussion  
Panel: John Day, Dubravko Justic, William Mitsch, Bill Nuttle (*Ecohydrology, Canada*), Hans Paerl, Charles Demas, Jane Watson (*EPA*)
- 12:00– 13:30 Lunch break

Session 4 Chair: **Mark Ford** (*McNeese State University*)

*Theme: Achieving Restoration Goals for Coastal Wetlands and Vegetation*

13:30 – 14:20	<b>Charles Simenstad</b> ( <i>University of Washington</i> )
14:20 – 14:45	Establishing vegetation-based performance criteria for coastal marsh creation and restoration – <b>Christopher Craft</b> ( <i>Indiana University</i> )
14:45 – 15:10	Incorporating disturbance dynamics and flood pulsing into restoration projects – <b>Beth Middleton</b> ( <i>USGS, Lafayette</i> )
15:10 – 15:30	Break
15:30 – 15:55	Modeling for evaluation, monitoring and assessment of large-scale wetland restoration projects: the Everglades example – <b>Fred Sklar</b> ( <i>S. Florida WMD</i> )
15:55 – 17:00	Panel discussion Panel: Beth Middleton, Christopher Craft, Gene Turner ( <i>Louisiana State University</i> ), Fred Sklar
17:00	Symposium closes

