



# Chenier Plain Symposium

*Ecosystem Functions and the Natural Processes of the Chenier Plain*



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## Day 1—Thursday, January 8, 2009

- |                       |                                                                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>8:00-8:30 am</b>   | <b>Registration</b>                                                                                                                                                 |
| <b>8:30-9:00 am</b>   | <b>Welcome by Senator Dan “Blade” Morrish, District 25</b>                                                                                                          |
| 9:00-9:20 am          | The Chenier Plain: Oranges, cattle, muskrat, cotton, oil, and land barons<br><i>Donald W. Davis</i>                                                                 |
| 9:20-9:40 am          | Historical channel development in the Sabine Lake Basin since 1898 in Texas<br><i>A. Tucker Slack and James A. Sutherlin</i>                                        |
| 9:40-10:00 am         | Navigation induced modifications to the landscape of the Calcasieu Basin<br><i>Norwyn Johnson</i>                                                                   |
| <b>10:00-10:20</b>    | <b>Break</b>                                                                                                                                                        |
| 10:20-10:40 am        | Land area change in coastal Louisiana 1956 to 2006<br><i>John Barras, Julie Bernier, and Robert Morton</i>                                                          |
| 10:40-11:00 am        | Regional investigation of the Chenier Plain hydrology<br><i>Ehab Meselhe and Robert Miller</i>                                                                      |
| 11:00-11:20 am        | Sand resources for restoration of the southwestern Louisiana coast<br><i>Syed Khalil, Charles W. Finkl, and Jeff Andrews</i>                                        |
| 11:20-11:40am         | Restoring a NW Gulf of Mexico wetland: Cooperation leads to success<br><i>Kathleen F. Thomas, David Richard, James Sutherlin, James E. Myers, and Jerry F. Hall</i> |
| <b>11:40-12:40 pm</b> | <b>Guest Speaker Mr. Garret Graves, Governor’s Executive Assistant on Coastal Activities (Lunch provided)</b>                                                       |

12:40-1:00 pm	Coastal marsh restoration using terraces <i>J. Andrew Nyman and Megan K. La Peyre</i>
1:00-1:20 pm	Fisheries Resources of the Chenier Plain <i>Bobby Reed and Mike Harbison</i>
1:20-1:40 pm	Population-based conservation planning for wintering waterfowl in the Louisiana and Texas Chenier Plain <i>Michael G. Brasher and Barry C. Wilson</i>
1:40-2:00 pm	Conservation planning for shorebirds and landbirds of the Chenier Plain <i>William G. Vermillion, Barry C. Wilson, and Mark W. Parr</i>
<b>2:00-2:20 pm</b>	<b>Break</b>
2:20-2:40 pm	Historical and recent hurricane impacts on the Chenier Plain: Habitat and changes <i>Christopher Wells, Larry Handley, Dennis Lichtenberg, Kelly Mouton, Jason Dugas, and Hollie Hare</i>
2:40-3:00 pm	Monitoring coastal Louisiana wetland impacts from 2005 hurricanes using Multi-Temporal MODIS NDVI data <i>Brady R. Couvillion, Gregory D. Steyer and John A. Barras</i>
3:00-3:20 pm	Upper Texas coast wetland ecosystem projects: Marsh restoration and effects from Ike <i>Andrew Peters</i>
3:20-3:40 pm	2008 hurricane season impacts and inundation of the Chenier Plains, storm surge penetration, high water marks and overall review of the inundation of southwest coastal Louisiana <i>Jonathan Brazell, Patrick Fink, Maurice Wolcott, and Tim Osborn</i>
<b>3:40-4:00 pm</b>	<b>Break</b>
4:00-4:20 pm	Landowner Stewardship Perspective <i>David Richard, Chad Courville and Doug Miller</i>
<b>4:20-5:00 pm</b>	<b>Land Management Panel Discussion</b> <i>Panel discussion led by Tom Moorman. Panel members include David Richard, Allan Ensminger, Randy Moertle, Glenn Harris and Guthrie Perry</i>
<b>5:00-7:00 pm</b>	<b>Reception sponsored by Tetra Tech with Poster Session</b>

## Day 2—Friday, January 9, 2009

<b>8:30-9:00 am</b>	<b>Welcome by Mayor Randy Roach, City of Lake Charles</b>
9:00-9:20 am	Overview of coastal projects within the Chenier Plain <i>T. Neil McLellan and Brett L. Gessey</i>
9:20-9:40 am	Arboreal armoring: Hybrid levees or cheniers faux <i>Len Bahr and Buck Abbey</i>
9:40-10:00 am	Application of the Multiple Lines of Defense Strategy to Chenier Plain (Planning Unit 4) in southwest Louisiana <i>John A. Lopez, Natalie L. Snider, G. Paul Kemp, and Carlton Dufrechou</i>
<b>10:00-10:20 am</b>	<b>Break</b>

- 10:20-10:40 am The effects of lakes, channels, levees, and wetlands on surge propagation in coastal Louisiana  
*Paul Kemp*
- 10:40-11:00 am The impacts of climate change and energy scarcity on restoration of the Louisiana Chenier Plain: Implications and options  
*Doug Daigle and John W. Day, Jr.*
- 11:00-11:20 am Community resiliency in the Chenier Plain  
*TBA*
- 11:20-11:40 am Restoration at scales that matter: A concept for the Chenier Plain  
*Thomas E. Moorman, Barry C. Wilson, and J. Andrew Nyman*
- 11:40-12:40 pm **Guest Speaker John Anderson, Maurice Ewing Professor of Oceanography, Rice University**
- 12:40-1:00 pm **State/USACE joint presentation on Southwest Coastal Louisiana Study**  
*Mark Wingate, Branch Chief, Projects Branch, New Orleans District, USACE*  
*Norwyn Johnson, Senior Planner, Louisiana Office of Coastal Protection and Restoration*
- 1:00-2:00 pm **Southwest Coastal Louisiana Study Panel Discussion**  
*Panel discussion led by Steven Peyronnin. Panel members include Tina Horn, Channing Hayden, Joey Mahmoud, George Swift, David Deere, Mark Wingate and Norwyn Johnson*
- 2:00 pm **Conclusion and Final Remarks**

Thanks to our sponsors for their support!



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