



Engineering Sustainable Water Resources
DRAFT PROGRAM
 2009 Louisiana Section Spring Conference
 April 14/15, 2009 (Tuesday/Wednesday)
 Crowne Plaza (Holiday Inn Select) – Baton Rouge, Louisiana

Time	Premier I Exhibitors	Cypress I Technical Session	Cypress II Technical Session	Premier II Lunch/Dinner	
Day 1 April 14, 2009					
7:00 - 8:00	Continental Breakfast	Registration			
8:00 - 9:45	Coffee	<u>Wastewater Session</u> East Baton Rouge SSO Program Status Update Michael Ellis, PE CH2M-Hill Recent Trends in Wastewater Treatment to Meet Changing Effluent Limits Bruce Petrik, PE, MWH Americas	<u>Engineering Coastal Protection/Restoration</u> Engineering Challenges in Integrating Coastal Protection & Restoration Luke Lebas, P.E., Louisiana OCP Engineering Challenges in Louisiana Hurricane Protection Certification Walter Baumy, PE USACE New Orleans Example of Complex Project Challenges: IHNC Surge Barrier Dale Miller, INCA, Angela Desoto-Duncan, USACE, and Harold Daigle, OCP		
9:45 - 10:00		Break			
10:00 - 11:45		<u>Water Supply</u> Sustainability of Capital Area Groundwater TBD Louisiana Reservoir Development and Dam Safety Program Zahir "Bo" Bolourchi, Louisiana DOTD Three Gorges Dam Project Song Kai Yan, PhD, Shaw E&I	<u>IHNC Hurricane Surge Barrier Design</u> Design Considerations for the IHNC Surge Barrier Mathijs van Ledden, Royal Haskoning Storm Surge Modeling for the Design of IHNC Surge Barrier John Atkinson, ARCADIS Physical Modeling for the IHNC Surge Barrier Mizan Rashid, AECOM		
11:45 - 1:00					Luncheon Recent Report of the National Committee on Levee Safety Robert Turner, PE SLFPA-East
1:00 - 2:45	Coffee	<u>Water Quality Challenges</u> 2008 Water Quality, Emphasis on Pontchartrain Basin Kimberly Corts, LDEQ Ecoregion approach to setting water quality criteria in Louisiana Amanda Vincent, Ph.D., LDEQ TMDL Modeling in Louisiana Karen Vidrine and Chuck Berger, P.E LDEQ	<u>Coastal Protection/Restoration Resiliency Issues</u> Interaction of Hurricane Surge and Coastal Louisiana Landscape Joseph Suhayda, Ph.D, LSU-CLEAR Implications of Sea Level Rise on Louisiana Coastal Protection & Restoration Virginia Burkett, USGS Analyzing the Impact of Coastal Designs on Hurricane Surge BFEs G. Simon, P.E., Taylor Engineering		
2:45 - 3:00	Break				
3:00 - 4:45	Coffee & Soft Drinks / Snacks	<u>Mississippi River Dynamics</u> HEC-6T Modeling of the Mississippi River, Tarbert Landing to Head of Passes Tony Thomas, Mobile Boundary Hydraulics Advanced Hydrodynamic Modeling of the Mississippi River Ehab Meselhe, Ph.D., P.E., ULL Advanced Hydrodynamic Modeling of the Mississippi River Ioannis Georgious, Ph.D, P.E UNO	<u>Shoreline Protection/Restoration Design</u> Evaluating Design Wave Conditions in Louisiana Coastal Bays and Lakes Harley S. Winer, Ph.D, P.E., PBS&H Design of Shoreline Protection and Restoration Shannon Haynes, Louisiana OCP Grand Isle Surge Protection Dune Rob Davinroy, PE USACE		
4:45 - 5:30	Reception				
5:30					Banquet Dinner Awards
Day 2 April 15, 2009					
7:00 - 8:00	Continental Breakfast	Registration			
8:00 - 9:45	Coffee	<u>Improving Local Drainage</u> No Rise Certifications in Floodways T. DeBaene, P.E., Owen and White Optimizing Modeling of Sub-basin Hydrology Jason Braud, LSU Construction Storm Water Permitting and Compliance for Design Professionals TBD	<u>Amite River Dynamics</u> Amite River Morphodynamics TBD Long-Term Hydrologic Trends in the Amite River Basin George Arcement, USGS (Invited) HEC-RAS Unsteady Modeling of the Comite River George Hudson, P.E., Taylor Engineering		
9:45 - 10:00		Break			
10:00 - 11:00		<u>Coastal Restoration Investigations</u> Newly Installed, Hurricane Hardened, Real-time Observaton Stations on the Gulf Coast Nathan Dill, Woods Hole Group Coastal Restoration Data Collection Joel Chaky, Encos, Inc.	<u>Bayou Manchac Flood Risk Reduction Study</u> Local Sponsorship Section 211 Flood Damage Reduction Les Waguespack, P.E., Shaw E&I Modeling of Bayou Manchac Flood Risk Reduction Alternatives George Hudson, P.E., Taylor Engineering		
11:00 - 12:00			<u>Ethics PDH</u> Frank Simoneaux, Chairman, Louisiana Board of Ethics		
12:00 - 1:00					Luncheon Louisiana Section Meeting



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REGISTRATION FORM

Registrant Information (*Mandatory)			
a. First Name*		b. Last Name*	
c. First Name as to Appear on Name Tag*		d. Class ___ P.E. ___ P.L.S. ___ Ph.D. ___ E.I.	
e. ASCE Member Number* (Must provide to obtain Member Discount)			
f. Company Name			
g. Street	h. City	i. State	j. Zip
k. Telephone*	l. Email*		
Individual Registration (Check all that you will be needing)			
	Postmarked ON or BEFORE April 1, 2009		Postmarked AFTER April 1, 2009
STUDENT REGISTRATION: <i>Limit of 10 Free Registrations</i>			
Technical Sessions Only <i>(Includes Luncheons but NOT Banquet Dinner)</i>	FREE ___	FREE ___	
TWO-DAY/FULL REGISTRATION: <i>Includes ALL events</i>			
ASCE Member <i>(Indicate member number in Part I)</i>	\$190 ___	\$210 ___	
Non-Member	\$270 ___	\$290 ___	
ONE DAY REGISTRATION: <i>Includes Luncheon But NOT Banquet Dinner</i>			
ASCE Member <i>(Indicate member number in Part I)</i>	\$100 ___	\$120 ___	
Non-Member	\$180 ___	\$200 ___	
ADDITIONAL BANQUET TICKETS:			
Tuesday Night Banquet Dinner (Per Person) (Awards Recipients & Guests DO NOT PAY)	\$40 ___ (Per Person)	\$50 ___ (Per Person)	

Please make checks payable to: **ASCE Conference 2009**

Mail form with payment to:

Bob Jacobsen
ASCE 2009 Spring Conference
Taylor Engineering
2133 Silverside Dr. , Suite C
Baton Rouge, LA 70808

For questions concerning the conference
contact Bob Jacobsen at 225-387-0001
or rjacobsen@taylorengeering.com

Hotel accommodations are provided by the **Crowne Plaza Baton Rouge (formerly Holiday Inn Select)** 4728 Constitution Ave.: The special conference group rate is \$109.00. Rooms may be reserved by contacting 225-925-2244 or www.crowneplaza.com/execcenterbtr using block code Q53-by **March 14, 2009**.



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SPONSOR / EXHIBITOR FORM

<u>SPONSORSHIP TYPE</u>	<u>COST</u>	<u>SELECTION</u>
<p><i>ROYAL DIAMOND</i> Co-sponsorship of program. Includes recognition at luncheons and dinner and one exhibitor space; two (2) Full Registrations; and ten (10) additional passes for each luncheon and dinner.</p>	\$2,500	_____
<p><i>DIAMOND</i> Sole sponsorship of Tuesday Evening Dinner Banquet. Includes recognition at dinner and one exhibitor space. Attendee registrations ARE NOT included. Attendees must register SEPARATELY.</p>	\$1,500	_____
<p><i>PLATINUM</i> Sole sponsorship of the Tuesday Evening pre-Dinner Reception. Includes recognition at dinner and one exhibitor space. Attendee registrations ARE NOT included. Attendees must register SEPARATELY.</p>	\$1,000	_____
<p><i>GOLD</i> Sole sponsorship of either Tuesday or Wednesday Luncheons or Breaks. Includes recognition at dinner and one exhibitor space. Attendee registrations ARE NOT included. Attendees must register SEPARATELY.</p>	\$750	_____
<p><i>SILVER</i> Includes recognition as a sponsor at the conference and one exhibitor space. Attendee registrations ARE NOT included. Attendees must register SEPARATELY.</p>	\$500	_____
<p><i>BRONZE</i> Includes recognition as a sponsor at the conference but NO exhibitor space. Attendee registrations ARE NOT included. Attendees must register SEPARATELY.</p>	\$300	_____

Sponsors/Exhibitors (Limit 30) will receive an 8' X 10' area with a table, two chairs, pipes, drapes, and 110V electricity available. Additional resources available upon request to Crowne Plaza (fees may apply).

NAME: _____ WORK PH: (____) _____

COMPANY/AGENCY : _____

MAILING ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

PLEASE MAKE CHECKS PAYABLE TO: **ASCE CONFERENCE 2009**
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Baton Rouge, LA 70808

For questions concerning sponsorship or exhibits email
rjacobsen@taylorengeering.com or call at 225.387.0001