was only 1 day with an ozone exceedance of the 75 ppb 8-hr ozone standard and 0 days with exceedances of the 84 ppb 8-hr ozone standard in June. The single June exceedance was on June 1 at the Shreveport monitor. This does come on the heels of the May bad news that the LSU monitor became nonattainment with the 75 ppb 8-hr ozone standard on May 28th. And the list goes on and on with changes in SO2 rules, implementation of the new NOx rules, implementation of the new lead standard, and the...
May Luncheon

The Louisiana Section was pleased to welcome Donna Sentel and Victoria Hatton of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors at its May Luncheon Meeting. Donna is Executive Secretary of the Board and Victoria spearheads the Board’s compliance activities. Donna and Victoria gave presentations covering the history of professional engineering registration, requirements pertaining to sealing of documents, and recent rule changes. Bill Palermo of the Louisiana Section, and a registered professional engineer, presented instances in which certain state and federal environment regulations include provisions requiring documents to be certified by a registered professional engineer, which are not exactly “on-point” with the requirements of the Registration Board, that stimulated lengthy discussions between and among the audience members. The presentation was intended to satisfy the 1-hour Ethics requirement of the Board’s continuing education requirements.

Young Professionals Section

Ozone, LDAR, SPCC, GHG, Control Devices...all topics included in the 2009 Annual Fall Conference for young professionals. As the Fall Conference Committee begins to plan this year’s agenda, we’re looking for feedback from you. What topics are you interested in learning more about? What topic has a supervisor mentioned recently that you had never heard of before? What’s the latest technology that more of us should know about? Supervisors, what topic do your young professionals need more information on? The Fall Conference’s Young Professional sessions have grown in popularity over the years and we’re looking to make this year even better. Drop us an email or start a discussion on LinkedIn to see your ideas presented at this year’s conference!

October 26 and 27th — Fall Conference

The Louisiana Section of the Air & Waste Management Association is now accepting abstracts for presentations at its 2010 Fall Conference to be held October 26 and 27, at the Crowne Plaza Hotel, in Baton Rouge. Presentations selected from this Call for Abstracts will supplement the presentations made by invited speakers. Abstracts should be submitted no later than July 23, 2010 by e-mail to Ms. Julie Roussel at The Dow Chemical Company: JHRoussel@dow.com.

This Fall Conference will be power packed with all of the latest information on federal and state environmental regulations and compliance initiatives. Also the conference plans to feature a full day track for young professionals as well as a session related to environmental and economic issues caused by the oil spill in the Gulf of Mexico.

Please spread the word and save the date for this upcoming event.
2010 Scholarship Award Winners

The Section is proud to announce the 2010 Scholarship award winners. This year we had a total of nine scholarship applicants ranging from LSU to South Eastern, all the way west to McNeese. All of the applicants were well qualified and put a lot of effort into their applications. Our 2010 winners are:

Andrew R. Bourgeois, LSU: Chemical Engineering - $3,000
Kelli Shuttleworth, Southern Law Center - $2,000
Ivory Iheanacho, LSU, Environmental Management Systems - $2,000
Brooke M. Villarrubia, LSU, Environmental Engineering - $2,000
Andrew R. Bourgeois, LSU: Chemical Engineering - $3,000

Thanks to Mike Dever of the Southwest Chapter for hosting the interview with the student from McNeese. A big thanks to Karen Blakemore for all of her hard work with this year’s scholarships.

The LDEQ 2010 Green Business Expo

The Louisiana Department of Environmental Quality (LDEQ) is pleased to present its inaugural Green Business Expo on Wednesday, August 25 from 7:00 am - 4:30 pm. This timely exposition will showcase 9 presenters and exhibits from other innovative businesses. These businesses offer real cost saving opportunities for private and public enterprises, as well as provide an environmental return for the citizens of Louisiana. This interactive program will focus on creating a synergy between economic reality and environmental quality of life improvements through partnering with established and community stakeholders, innovative business concepts, and market opportunities. Participants will assist in building a report card which scores presenters and exhibitors on implementation possibilities of their technology. LDEQ will issue an annual report card on the actual implementation of the businesses as well as calculations of data designed to illustrate the lowered impact on our environment by placing their products into the stream of commerce. Members from industry, federal, state, and local government and consumers will benefit from attendance at this event.

These participating companies offer solutions which either make money, save money and provide a positive return on investment in the commercial sectors such as plant operations, oil & gas, wastewater, and energy and fleet management. This expo is designed to eliminate the idea of green business being an oxymoron.

Please visit the Green Business Expo page on the LDEQ website for registration, costs and other information: www.deq.louisiana.gov/GreenBusinessExpo

LDEQ Headquarters
Galvez Building
Conference Center
602 N. 5th Street
Baton Rouge, LA
Congratulations to the four newest members of A&WMA’s Board of Directors, whose terms will begin January 2011:

**President Elect** – Merlyn Hough

**Director (Regulated Category)** – Daniel Weiss

**Director (Regulatory Category)** – Laki Tisopulos

**Director (Other Category)** – Mark Rood

**LSU Chapter Update**

The LSU student chapter had a very busy year in 2009 and 2010. We added several members, held monthly meetings, and were represented at every Louisiana Section dinner meeting except for the one held in New Orleans. The chapter participated in education outreach, conducted greening projects, and capped off the year with a strong representation at Louisiana Earth Day and the Annual Conference and EnviroChallenge 2010 held in Calgary, Alberta, Canada. While “Tiger Bait Consulting” did not place in Calgary the trip was an immense learning experience for those who went and we are looking forward to representing LSU and the Louisiana Section at the 2011 ACE to be held in Orlando, Florida. Officers for the term were Paul Algu (chair), Dustin Reid (graduated, vice-chair), Austin Langley (graduated, secretary/treasurer), and Ivory Iheanacho (College of Agriculture liaison).

Paul Algu
A&WMA Student Chair, LSU Chapter

**Message from the Chair continued...**

Want to be a part of the ACE 2011 technical program? Visit the principal area submission site to submit your proposed topics for ACE 2011. The principal area submission site will close on Thursday, June 24, 2010—so submit your topics today!

The LSU student chapter had a very busy year in 2009 and 2010. We added several members, held monthly meetings, and were represented at every Louisiana Section dinner meeting except for the one held in New Orleans. The chapter participated in education outreach, conducted greening projects, and capped off the year with a strong representation at Louisiana Earth Day and the Annual Conference and EnviroChallenge 2010 held in Calgary, Alberta, Canada. While “Tiger Bait Consulting” did not place in Calgary the trip was an immense learning experience for those who went and we are looking forward to representing LSU and the Louisiana Section at the 2011 ACE to be held in Orlando, Florida. Officers for the term were Paul Algu (chair), Dustin Reid (graduated, vice-chair), Austin Langley (graduated, secretary/treasurer), and Ivory Iheanacho (College of Agriculture liaison).

Paul Algu
A&WMA Student Chair, LSU Chapter

I encourage you to pay attention to other upcoming activities of the Section, including the election of officers. Try to stay cool for what is left of this summer, and I look forward to seeing many of you at the upcoming dinner meetings and at the fall conference!
University of New Orleans Updates

Dr. Kura’s Research Team’s Response to the Deepwater Oil Spill

Dr. Kura and his graduate students in Environmental Engineering program of the University of New Orleans have initiated a number of research activities in response to the Deepwater Horizon Oil Spill. In the second week of June of 2010, Kura’s research team visited the Grand Bayou area to conduct a preliminary air quality testing for a variety of hydrocarbons/VOCs, hydrogen sulfide, PM10, and a few other pollutants that are expected from the oil spill. Fox 8 covered the story which is available from the YouTube link: http://www.youtube.com/watch?  

Dr. Kura and his Research Team Presented Eight Technical Papers at the AWMA National Conference in Calgary, Canada

Dr. Kura and his graduate students presented a total of eight technical papers at the AWMA Conference held in Calgary, Canada from June 22-25, 2010. This included one paper Dr. Kura co-authored with Dr. Norma Jean Mattei, Chair of Civil & Environmental Engineering, UNO. In addition to the technical papers, Dr. Kura chaired two technical sessions (Sustainable Design in Real World: Environmental Characterization and Remediation; Human and Ecological Risks from Industrial Wastes) and served as a panelist on a technical panel titled, “Renewable Energy and Clean Technologies,” which was chaired by Dr. Sardar Hassan, Senior Program Analyst, Special Plans & Operations, Office of the Inspector General, the US Department of Defense. Other technical panelists were Ms. Rachel Goldstein, Team Leader Methane Outreach Program, Climate Change Division of the US EPA.

Dr. Kura of UNO to Teach a Specialty Online Course on “Oil Spill: EHS and Risk Management”

Dr. Bhaskar Kura, Professor of Civil & Environmental Engineering of the University of New Orleans will be offering a graduate level, specialty course, “ENCE 6096: Oil Spill – EHS and Risk Management” during Fall of 2010. This course is being offered to prepare environmental professionals to meet the current and growing demand for environmental services in meeting the challenges of the Deepwater oil spill. This course will be offered using non-conventional methods of teaching (online; in-class; independent; and combination) with several unique features to benefit environmental professionals. Working professionals will have the opportunity to take this course as a non-degree seeking student. Questions should be directed to the course instructor, Dr. Bhaskar Kura at bkura@uno.edu.

Kura’s team is going to design and build a mobile air monitoring lab (MAML) to participate in short-term and long-term air quality monitoring. Additionally, monitoring of water quality, shoreline contamination, sediment quality, and wetland contamination will be evaluated. A variety of laboratory simulations, field sampling, computational modeling, and software development projects are being undertaken to address the deepwater oil spill impacts on air quality, water quality, wetlands, public health, and worker health. Kura’s graduate students are updating the following web pages as part of their public and professional service to disseminate the Deepwater Oil Spill information which can be viewed at the following URLs: http://coe.uno.edu/meric/
http://coe.uno.edu/cee/kura/index.html

Engineering companies and agencies interested in collaborating with UNO on the “Deepwater Oil Spill Response” projects are encouraged to contact Dr. Bhaskar Kura.

Titles of the technical papers presented by the UNO group were:

1. Future Energy Demands in India, China & USA (Anirudh Paduru, UNO/Baltimore Gas and Bhaskar Kura, UNO)
2. Green Buildings: Comparison of Env. Parameters in US and India (Atit K. Tilwankar, IIT-Bombay; Shyam Asolekar, IIT-Bombay; Amitdityu Sengupta, UNO/Digital Engineering & Imaging, Inc.; Kati Carr, UNO/NASA; and Bhaskar Kura, UNO)
4. Pollution Prevention through Energy Optimization at WWT Facilities (Naveen Kumar Devata, UNO and Bhaskar Kura, UNO)
5. Particulate Emission Factors from Welding Al-Li Alloy (Katie Carr and Bhaskar Kura)
6. Smart Utilization of Waste Materials: Fly Ash based Pervious Concrete to Reduce Run-off (Norma J. Mattei, UNO; Bhaskar Kura, UNO; Adriana C. Ochoa, UNO; and Frank C. Formherz II, Formherz Engineers)
7. Solar Power Feasibility for Wastewater Collection & Treatment (Amitdityu Sengupta, UNO/Digital Engineering and Imaging, Inc.; Bhaskar Kura, UNO; and Robert J. DeLaune, Digital Engineering and Imaging, Inc.)
8. Green Habitats: Lessons from Model Townships in US & India (Pradip P. Kalbar, IIT-Bombay; Shyam Asolekar, IIT-Bombay; Nandini Seth, UNO; and Bhaskar Kura, UNO)

Dr. Bhaskar Kura
Professor of Civil & Environmental Engineering
Director of Maritime Environmental Resources and Information Center (MERIC)
Green Tips for the Summer — Stay Cool and Stay Green

In the summertime, Louisiana heat is enough to make anyone run for cover, but before you crank up the AC, here are a few tips from the A&WMA website to keep the temperature down while doing your part to help conserve energy.

1. AC window units should be located on the most shaded side of the house. The AC unit uses the outside air to circulate. Making sure that air is as cool as possible can help decrease energy. If your unit is exposed to direct sunlight, considering an awning or covering over it. Just make sure not to block vents that could stop air exchange.

2. Central AC can actually reduce energy usage. If your have central AC and are still attached to your window units, make sure they are in the bed rooms only.

3. Try fans at night to help reduce your use of AC. Putting a fan in your window at night not only cools the room down, but also lets in the night air. It’s like camping under the stars minus the mosquitoes.

4. No one wants their Mardi Gras beads that are stored in the attack to melt, so make sure you keep the air moving.

5. Face the heat, get outside! The easiest way to keep your kitchen cool is cook outside. Fire up the grill and stay out by the pool. You can also take the family out for a boat ride on the river. Sunbathing helps rid yourself of those winter month blues (just make sure and lather on the SPF). Whatever you do, the longer you enjoy the outdoors, the less time you need to keep the AC on full blast.

6. When all else fails, dress for the heat. Light colors and natural fibers, aka cotton, keep you cooler out in the sun.

Have a happy Summer and remember to think green!

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The 8000 A&WMA members span 65 countries and that the organization is over 100 years old.
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