

**Thursday, March 21, 2013**

**Workshop Session 4**

Time of Session: 3:30-5:00PM

Session Title: Planning Case Studies

- A. Natural Hazard Mitigation Plan Update for the University of Mississippi

Speakers: **Mamun Miah, Kyle Bethay, and C. Mullen,**  
University of Mississippi

- B. Stormwater Management at The University of New Orleans

Speakers: **Nandini Seth and Mariana Marmol,** The  
University of New Orleans

Room: 250

Head Count: 10

Note Taker: Hannah Galloway

Now: Stormwater Management at the University of New Orleans

4:07 Mariana and Nandini begin their presentation. Both are grad students in planning department

4:08

- Stormwater Management
- Water from storms or melted snow
- Unmanaged storm water can contaminate streams and rivers
- So we need a plan, because it offers an educational component

4:10

- New Orleans Elevation and Drainage
- The city is pretty flat

4:12

- UNO influences the economy of the city.
- Very diverse

4:13

- Existing storm water system
- London Canal
- Grasses Swale
- Biodiversity Park

4:15

- Nandini takes over speaking
- Present Condition / Drainage
- We don't have natural drainage because the ground is flat, so we depend on underground storm drains.

4:18

- **IMPORTANT:** You must maintain the storm drains.
- EPA: Best Management Practice: Permits

4:19

- EPA Best Management Practices
- Inventory and Reporting
- Supervise & Report any violations of storm water management.

4:21

- EPA Best Management Practice: Structural
- Low Impact Design (LID)
- Allows greater development

4:22

- Case study 1: University of Delaware
- Current Stormwater management
- Practices: Learning from precedents
- Illicit discharge detection

4:24 Mariana takes over

- Case Study 2: University of Central Florida
- Watershed with 10 plus ponds systems, both natural and man made
- They encourage activities such as canoeing
- UCF has Master Plan and Regulatory Permits
- Very big on data collection
- Interaction
- UCF Stormwater coordinates with St.John's River Water Management

4:29

Both Nandini and Mariana

- Recommendations
- It's important to collaborate with engineers.
- Civil engineering department

4:31

- Encouraged to maximize green space.
- Safety & Security Policy

4:32

- Funding Sources for the projects can be city, federal, etc.

4:35 Questions and Answers

Question: Do you know about stormwater retention ponds? Growing plants?

Answer: Yes, we have one here on campus, we would love to have more.

Question: How do you afford this?

Answer: When cities are addressing storm water systems—LID They do with engineering schools. Green roofs reduce costs. Do a cost/ benefit analysis.

Question: How deep is the permeable parking?

Answer: We will need an engineer's perspective.

Discussion: Be sure in include toxic checks on paint labs, photo labs, chemistry labs.

Question: How will you make the changes?

Answer: Talk to Monica about your ideas.

4:41 End of presentation.