

MEETING MINUTES  
ENVIRONMENTAL HYDRAULICS TECHNICAL COMMITTEE  
ROSEN PLAZA HOTEL, ORLANDO, FLORIDA  
MAY 19, 2001  
1:00-4:30 PM

In Attendance:

Dennis Lyn, Vice-Chair  
Vincent Neary, Secretary  
Fotis Sotiropoulos, Task Committee Chairman, Advanced Environmental  
Aaron Packman, New Member  
Tai Bui, Member

Meeting Minutes by Vincent Neary

PROGRESS REPORT

Present Status & Structure:

The EHTC continues as one of seven technical committees under the Hydraulics and Waterways Council. Panos Diplas will be stepping down as current chair. Dennis Lyn and Vincent Neary will become active Chair and Vice-chairs, respectively. We will be asking current members to volunteer for the secretary position starting this summer. There is also a control member slot that needs to be filled. Tai Bui said he would be willing to serve as secretary next year. Current control members, Deva Borah and Earl Hayter may also want to consider becoming active Secretary.

**Action Item: Current members who would like to volunteer for positions, Secretary and Control Member please e-mail Vince.**

Review of Mission Statement (Objectives):

Our mission statement is given in the forum article and the web site. All agreed to make no revisions at this time, but we discussed the challenges in achieving these objectives. Members should refer to Tai Bui's conference paper, "Water Resource Engineers and Environmental Hydraulics," which addresses these challenges. Our mission statement will be reviewed annually and will be revised accordingly as our committee evolves.

PROGRESS REPORT FROM ADVANCED ENVIRONMENTAL HYDRAULICS TASK COMMITTEE

Fotis summarized this task committees progress: 1) a monograph is planned on modeling guidance & standards; 2) workshops are planned to compare CFD commercial code performance; 3) a continuing education course is planned. Fotis and C.Y. have been successful recruiting non-engineering members (i.e. fish biologists) as well as engineering members.

The AEHTC will be meeting for the first time Sunday, May 20, 2001.

**Action Item: Fotis will e-mail Vince the task committee's membership list and meeting minutes. Vince will add this information to the EHTC web site.**

PROGRESS REPORT FROM WAVELET TRANSFORM TASK COMMITTEE

No members of this task committee were present at the meeting.

**Action Item: Dennis will check on the status of this task committee. He will talk to Dr. Kumar, U. of Illinois, to gauge his interest in joining or leading this effort.**

## TOP 10 TECHNICAL CHALLENGES IN ENVIRONMENTAL HYDRAULICS

This item was not discussed due to the low turn out of members. We may want to revisit this at a later time.

## FUTURE JOINT ACTIVITIES

Dennis presented the bold idea of organizing an Environmental Hydraulics conference in Mexico in light of recent globalization and environmental awareness. Maybe we can get G.W. and Fox to kick it off.

EHTC should also consider organizing technical sessions for upcoming conferences:

"Managing Water Resource Extremes," conference in Roanoke, VA next year from May 19-22, 2002.  
"9<sup>th</sup> International Conference on Urban Drainage," Portland, Oregon, September 8-13, 2002.

Vince met with the newly formed Wetland hydrology technical committee. They were interested in working on joint task committees where there may be overlap. For example, vegetative resistance.

**Action Items:** Dennis will talk to Marcelo Garcia, who has just been involved in organizing the Environmental Hydraulics Symposium in Arizona. Marcelo may be able to give us an idea of the effort involved. Vince will contact William Cox (who is organizing next year's Roanoke conference) to check out the procedure for proposing technical sessions. Vince will also contact Wayne Huber ([wayne.huber@orst.edu](mailto:wayne.huber@orst.edu)) who is organizing next year's Portland conference.

## NON-ENGINEER RECRUITMENT

We need to continue in these efforts. The AEHTC has been successful recruiting non-engineers to their task committee. EWRI needs to be doing a better job advertising itself to other professional societies.

## OTHER ACTIVITIES

### New Members:

We have five new members David Zhu (University of Alberta) Kit Ng (Bechtel Power Corp.), Li Zheng, Aaron Packman (Northwestern University) and George Guo (Rutgers University).

### Awards:

Dennis suggested that we look into creating an Environmental Hydraulics Award within ASCE/EWRI.

**Action Items:** Dennis will talk to the ASCE awards committee to see what would be involved in creating this award.