Emerging and Innovative Technologies Task Committee
Tuesday, May 19, 2009, 7:00 PM – 11:00 PM, Location: Lester Young A
Kansas City, MO

Meeting Minutes (Draft as of 21 May 2009)

1. Attendees: Lily Baldwin (Vice Chair), Elizabeth Coyle, Walter Grayman, David Hill, Zoran Kapelan, Bob Kersten, Karl Lambert, Forrest Lin, Pete Loucks, Stephanie Luster-Teasley, Bill Mok, Morris Maslia (Past-Chair), Barbara Minsker, Nur Mohammed, Rob Montgomery, Emmanuel Nzewi, Lindell Ormsbee, Craig Patterson (Chair), Laurel Saito (Secretary), Rajib Sinha
   a. All new members were approved.
   b. Elizabeth, Zoran, Bob, Bill, and Rob are pending until they send Laurel a business card or a CV.

2. Craig, Lily and Walter met with the ExCom and we are now a standing committee.

3. Council Weekend: Walter, Lily and Craig went to Council Weekend in February. They came up with committee initiatives to get committee formally established (see Item 5 below).

4. 2009 Conference Sessions and Issues
   a. Interdisciplinary education on Monday
   b. Water and Environmental Vision 2050 on Tuesday
   c. Green Technologies in Developing Countries (and Lake Management) on Tuesday
   d. Environmental Cybersensing on Wednesday
   e. Water and Wastewater Technologies on Wednesday
   f. Disasters Waiting to Happen on Wednesday

5. EITC Task Initiatives
   a. Status and plans for 2050 Vision Initiative
      1) This is an existing Task Committee. Walter is Chair, Pete is Vice-Chair, and Laurel is on Task Committee. They are putting a book together that they hope to get out by 2010 or 2011. They have 30 authors who have agreed to write a chapter on some aspect of environmental and water resources about their vision of things in 2050 and how to get there. They hope to get the articles by mid-summer. There will be a review process and they will email EITC members with a list of the chapters to be reviewed so that EITC members can assist with reviews.
      2) Morris suggested that we should have a chapter on transboundary issues (US and international) – possibly Daene McKinney or Aaron Wolf could address (or Stephen Draper?).
      3) Someone suggested water for peace at the session on Tuesday.
      4) Walter will send the list of chapters and authors to the EITC so that people planning sessions for 2010 Congress can contact authors about including their paper as a presentation next year.
   b. Status and plans for Rain Harvesting in Developing Communities Initiative
1) It was decided to pursue a Task Committee on “Water resources and wastewater technologies in developing countries.” One of the things the task committee may address includes whether ASCE could take a leadership role. Emmanuel will be Chair, and Morris, Stephanie, Laurel, Rob, Karl, and Lily expressed interest in being on the committee.

C. Status and plans for Interdisciplinary Education Initiative

1) It was decided to start a Task Committee that may also be jointly under International, Planning and Management, and Education. Laurel will be Chair and will look into the possibility and logistics of a joint task committee. Laurel will draft the Task Committee proposal and Emmanuel and Lindell are interested in joining the committee.

2) The Task Committee will address current activities in interdisciplinary education as well as future needs and EWRI’s role. An outcome of the task committee will be an inventory of current activities in interdisciplinary education, a website that will be a repository for this inventory, an article in EWRI Currents resulting from the inventory, and possibly an article or book on needs for interdisciplinary education at the course, major/minor, curriculum, and institutional levels.

D. Status and plans for Environmental Cybersensing Initiative

1) It was decided to start an Environmental Sensing and Cyberinfrastructure: Technologies and Applications Task Committee

2) Bill Mok will be Chair, and Zoren, Barbara, David and Forrest will also be on the committee.

3) An outcome of the Task Committee will be a special edition of the Journal of Water Resources Planning and Management.

E. Others:

1) Pete suggested the EITC consider getting involved in an initiative on sustainability that is being discussed as a committee to report directly to the ExCom. Karen Kabbes is starting this committee. Pete suggested our involvement could make the committee broader, perhaps looking at “How to make ASCE green.”

F. Notes:

1) Walter is sending the Task Committee proposal form to Emmanuel, Bill/Barbara, and Laurel.

2) Task Committee officers must be members of EWRI and/or ASCE (membership numbers need to be included on the proposal).

3) Task Committees need to specify outcomes

4) Complete Task Committee proposals should be sent to Craig Patterson (patterson.craig@EPA.gov) and he will forward them on to the ExCom.

6. Identify Sessions for 2010 Congress

a. Session proposals are due in June 26. It helps to have at least some of the participants identified. Abstracts are due in September.

b. Track Chair: Laurel (Lily will be backup; Walter will let Rick Palmer know that Laurel and Lily should have access to database and be included on session/track communications)

c. Proposed sessions (session chairs in parentheses):

1) Panel on cybersensing in 2050 (Barbara)
2) Structured public involvement related to water/environmental problems (Lindell)
3) Education in environment and water resources at all levels in 2050 (Walter)
4) Students and international technologies (Laurel/Craig/Rajib)
5) Nano- and bio-technology and applications for sensors and environmental impact (Morris)
6) Water and wastewater technologies with renewable energy aspects (Craig/Lindell)

7. Special edition of JWRPM coming out in July for G.V. Loganathan. Thanks to Lindell for his efforts on getting this out.

8. Future EITC communication
   a. Lily will organize conference on June 12 (this is 2 weeks before sessions are due)
      1) Session chairs should participate and anyone else who’s interested
   b. Conference call Wed September 2 to update on sessions and abstract submittals.

9. Membership and Officers
   a. Pending new members (Elizabeth, Zoran, Bob, Bill, and Rob) need to send Laurel business card or CV
   b. New officers starting October 1 (1-year terms)
      1) Chair: Lily Baldwin
      2) Vice-Chair: Laurel Saito
      3) Secretary: Elizabeth Coyle
      4) Past-Chair: Craig Patterson

10. Awards
    a. Emmanuel will renew nomination of XXX for Service to the Profession and update with activity for this year.
    b. Laurel will lead nomination for Service to the Institute for XXX and will contact Jery Stedinger to find out what’s needed
       1) Lindell will write letter of support and send to Craig
       2) Craig will prepare a cover letter on behalf of committee

11. To do: Laurel will send link to website to all members.

12. Newsletter articles
    a. Someone writes a non-commercial article on some emerging innovative technology four times a year
    b. Emmanuel will write the next article on rainwater harvesting
    c. Morris will take over for Walter on soliciting and sending articles to Currents

13. Meeting was adjourned at 9:00 p.m.