



**Minutes of the AMS Board on  
Enterprise Economic Development (BEED)  
Telecon Meeting**

**Monday, 14 July 2008  
2:00 PM EDT**

**Meeting Participants**

<b>Members Present</b>	<b>Members Unavailable</b>	<b>Guests</b>
Pam Emch, Chair	William Graham	
John Zack	Jan Dutton	
Holly Hartman	Richard Ohlemacher	
Bill Mahoney, <i>Ex Officio</i>	John Henz	
Ed Boselly, <i>Ex Officio</i>	Robert Plante	
	Dorlissa Hommel	
	Monica Hale	
	Eva Regnier	
	Andrea Bleistein	
	Paul Pisano, <i>Ex Officio</i>	
	Jon Davis, <i>Ex Officio</i>	

The telecon began at 2:00 PM EDT and ended at 3:00 PM EDT.

**Old Business**

**1. Approval of Minutes**

The Board approved the Minutes from the 21 May 2008 telecon.

**2. Agenda Approval**

The Board approved the distributed agenda.

**3. Water Resources Committee**

John Henz was unavailable and so we were unable to review the overall status of the effort to generate a list of potential members for this new committee. Pam mentioned that since we are planning to create a committee with staggered terms we need only line up eight or so members at this time instead of the full 12. Bill Mahoney will try to touch base with John in the next few days.

**4. ITS/ST Committee**

Ed Boselly, ITS/Surface Transportation Committee Future Chair, reported on recent and planned activities on behalf of Paul Pisano. The last ITS/ST Committee telecon took place on 4 June. Paul Pisano led that meeting. Topics included the BAMS volume development and the web portal. Paul mentioned at that telecon the rotation plan for the committee – currently seven members are due to have completed their terms in Jan 2009 (in addition to Paul) – and in order to maintain an optimal sequence of staggered terms we ask that some current members stay on for

an additional time period. At this time one member has agreed to stay on with the potential for more. Also we will need recommendations for some new committee members.

The committee co-sponsored the joint TRB Snow & Ice Control Technology Conference / Weather & Surface Transportation Conference. This was held June 16-18 in Indianapolis and was a first time joint meeting. Attendance was less than hoped for and there was some sub-optimal overlap in session timing. A goal is to improve upon some of these aspects for the similar joint conference planned for 2009.

Based on the inputs and encouragement of Bill Mahoney, Ed Boselly, and the ITS & ST Committee, AMS sent out a letter to USDOT expressing weather community support for the Detroit Wireless Vehicle Infrastructure Integration (VII) Testbed. The FHWA has been planning on gaining access to data coming from the VII Testbed this summer to begin research on how these data could support the meteorological community and the eventual improvement in weather and road condition prediction. The vision for VII is for all future vehicles (millions) to wirelessly transmit probe data to a back haul communications system for use in traffic management, emergency management, weather and road condition diagnosis, and other consumer applications.

The ITS/ST Committee has kicked off planning for the Surface Transportation Weather session in the 25<sup>th</sup> Conference on International Interactive Information and Processing Systems (IIPS) at the 2009 AMS Annual Meeting. This is now a standard yearly session. It will take place on Tuesday January 13 in the morning (conflicting with a part of the BEED-sponsored Users Forum).

Ed took an action to check with Paul regarding the status of the BAMS volume development.

## **5. Energy Committee**

Jon Davis was unavailable to provide a report.

### **New Business**

#### **1. 2009 Seventh Users Forum on Weather and Climate**

Although only a few members of the board were able to be present at this telecon we had a good discussion about the purpose and potential scope of the Users Forums that the BEED sponsors each year at the AMS Annual Meeting. The Users Forums consist of invited speakers (no abstract submission), preferably from the region/location of the annual meeting, and preferably from the actual weather/climate information user community. Our telecon discussion generated many good ideas for general focus areas, specific topics, and potential organizations from which we might want to and be able to draw speakers.

This year's Annual Meeting will be in Phoenix and the general theme of the meeting is "Urban Weather and Climate: Now and the Future". The Users Forum is scheduled for Tuesday January 13. Currently it is planned to last all day and although this length is not necessary we believe we have sufficient topics to fill a day.

The overall focus for this year's Users Forum is to be "Water Resources in the Urban Environment." We thought that a good format would be to split the Forum into a morning session and afternoon session, each with a slightly different focus area. This is similar to the approach we took at the 2008 Users Forum. We also thought that the last slot of each session should serve as 1) a panel discussion for the session and 2) an opportunity to summarize the session and talk about "where we go from here".

The morning session is tentatively titled "Weather and Short-Term Decision Making in Water Resource Operations". We should aim for some speakers from the "supply" side and some from the "demand" side. Possible topics/speakers include:

- Supply side organizations for Arizona/Phoenix: primarily the Salt River Project and the Central Arizona Project.
- Demand side organizations: include metropolitan water districts. This aspect is often underrepresented.
- Possible topic: storm water drainage – meteorology and sewers

The afternoon session is tentatively titled "Climate and Long-Term Planning of Water Resources". Possible topics/speakers include:

- City planning for future water supplies
- Roles for the private sector dealing with drought and long-term planning issues
- Large-scale water harvesting: channeling water into infiltration areas, for example
- Small-scale water usage and sustainable landscaping: keeping runoff water from entering storm drains by efficiently diverting to landscape use via cisterns, storage tanks, etc.
- John Henz might be able to provide overview of questions clients are asking when they build new infrastructure (Bill M. references a prior John H. presentation).
- Designing structures: use of paleo-climate research for planning
- Paleo-climate and climate change scenarios: perhaps a presentation on the state of the art in meteorological decision support systems with respect to weather and climate. A possible speaker organization might be CH2M HILL consulting firm– they are moving into the climate business in the southwest.
- "How sure is a 100 year water supply?" The state of Arizona requires that developers guarantee a 100 year water supply; this is a function of both surface water and groundwater supplies and is partially based on historical averages. But how is development planning and this "guarantee" impacted by potential climate variability? Arizona Department of Water Resources would be a starting point as potential speaker on this topic.
- How does the Water Resources community get its needs into NOAA's Office of Hydrologic Forecasting / River Forecast Centers? It would be good to have a presentation from a NOAA person – and this would be an interesting topic.
- NCARs bridge between climate modeling projects. Dave Yates at NCAR is involved in a water resources R&D program entitled "WEAP" – Water Evaluation And Planning System. This program examines water resource operations planning/scheduling across varying time scales and incorporates climate model data. Information and recommendations are provided to water districts.

Our goal is to have speakers from organizations that span the enterprise: government/agency, academia/labs, and commercial/industry.

Pam took an action to develop a draft agenda based on the points above and distribute to the BEED. Holly took an action to review and iterate on this draft agenda. All BEED members are

30 Sept 2008

encouraged to comment and provide suggestions as to format, organizations invited to speak, or specific speakers whom they know. Pam took an action to contact the Annual Meeting organizers to see if a time slot matrix had been developed yet.

### **Open Discussion**

Holly asked if anyone had a read out on the NWS Partners and Family of Services Meetings that was held on Wednesday, June 18 in Silver Spring, MD. No one online attended – but we agreed it would be interesting to get a read out.

Pam mentioned that she had recently generated the BEED mid-year report and that Joe Friday generated the WCEC mid-year report (which includes the BEED portion). Pam will send copies of these to BEED members for information purposes. Pam reminded the board of the upcoming AMS Summer Community Meeting in Boulder and encouraged attending. John mentioned that this year the Community Meeting conflicts with the AMS Applied Climatology Conference – we wondered how the scheduling of potential conflicts works within AMS and if this conflict will have an impact on Community Meeting attendance.

### **New Business**

The next BEED telecon will take place in approximately two months – September.