MEETING OF THE
ADVISORY COMMITTEE ON WATER INFORMATION’S (ACWI)
SUBCOMMITTEE ON HYDROLOGY (SOH)

12:00 p.m. – 3:00 pm, Eastern Time
Monday October 15, 2012

Location: U.S. Department of Agriculture (USDA) South Building
Room S208 (in the Sub-Basement)
1400 Independence Ave SW, Washington, DC 20250

RECAP OF MEETING

1. Welcome and Introductions Victor Hom
2. Review and Approval of Agenda Victor Hom
3. Approval of the Recap from July 2012 Meeting Victor Hom
4. Status of Action Items from July 2012 Meeting (See page 3) Victor Hom
5. Presentation #1: Army Water Boot Print Francis Reilly
6. Presentation #2: Challenges in Determining the Probable Maximum Precipitation Ed Tomlinson
7. Review of Work Group Reports and Q&A
   a) Hydrologic and Hydraulic GIS Applications Work Group William Merkel
   b) Extreme Storms Work Group Tom Nicholson
   c) Hydrologic Frequency Analysis Work Group Will Thomas
   d) Hydrologic Modeling Work Group Chandra Pathak
   e) Satellite Telemetry Interagency Work Group -
8. Standard Procedures for Invited Guests Claudia Hoeft
9. Current Events within ACWI and the Hydrologic Communities All
10. Announcements and Q&A on Business Reports from Member Organizations All
    a) Business Reports
    b) “The SOH CONNECTIONS” Newsletter Editor’s Announcements Tom Nicholson
    c) January 2013 Probabilistic Flood Hazard Assessment Workshop
    d) Other?
11. Review New Action Items Victor Hom
12. Plans for Next Meeting Victor Hom
    a) Monday, January 7, 2013 from noon to 3:00 pm EST at USACE-HQ 441 G Street, Washington, DC. USACE HQ is near the Metro Redline stop at Judi
    b) Review Suggestions

ATTENDEES

Subcommittee on Hydrology and Workgroup Members

<table>
<thead>
<tr>
<th>Representative</th>
<th>Organization/Agency</th>
<th>Participation</th>
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<tbody>
<tr>
<td>Richard Raione</td>
<td>U.S. Nuclear Regulatory Commission (USNRC)</td>
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SUMMARY

1. Welcome and Introductions       Victor Hom
    • ACWI SOH welcomed Mr. Ben Pratt, as this was his first time he had meet face-to-face with the ACWI SOH membership, other members of ACWI, our guest speakers (Mr. Francis Reilly and Dr. Ed Tomlinson), and invited guests (see attendance list). We were also very pleased
to have Mr. Noller Herbert, USDA NRCS Conservation Engineering Division Director join us for the guest presentations and interact with the membership.

2. Review and Approval of Agenda
   - Approved.  Victor Hom

3. Approval of Minutes from July 9, 2012 Meeting
   - Approved.  Victor Hom

4. Status of Action Items from July 9, 2012 Meeting
   - See attached PRIOR ACTIONS AND STATUS  Victor Hom

5. Presentation #1: Army Water Boot Print
   - Francis Reilly

6. Presentation #2: Challenges in Determining the Probable Maximum Precipitation
   - Ed Tomlinson

7. Review of Work Group Reports and Q&A
   a) Hydrologic and Hydraulic GIS Applications Work Group
      - ACWI-SOH members recognized William Merkel’s contribution to ACWI-SOH. Bill is considering retiring and may be moving-on prior to the next ACWI-SOH meeting. Claudia will be submitting an article to recognize Bill’s contribution to Hydrology in the next ACWI-SOH newsletter. William Merkel

   b) Extreme Storms Work Group
      - Due to Richard’s illness, Tom had to accompany Richard to emergency care. This report out will be tabled to next meeting. Tom Nicholson

   c) Hydrologic Frequency Analysis Work Group
      - At the March 19, 2012 HFAWG meeting, a few members expressed concern that the MGBT was identifying too many low flows as being influential. Will Thomas
        - This prompted additional research, in Dr. Stedinger and Mr. Lamontagne recommended to use an alpha of 0.5 percent for Step 1 of the Multiple Grubbs-Beck Test, to delete Step 2, and to leave Step 3 unchanged.
        - Dr. Stedinger and Mr. Jonathan Lamontagne presented this recommendation at the September 20 meeting and illustrated that the Type I error rate is now down to 15 percent and the recommended sweeps has a lesser tendency to identify a large number of Potential Influential Low Flows (PILFs) for a given sample for the test cases used in the Cornell report.
        - HFAWG hopes to complete testing of this new recommendation for the 82 sample stations.

   d) Hydrologic Modeling Work Group
      - SEDHYD 2014 Conference (10th Federal Interagency Sedimentation Conference and 5th Federal Interagency Hydrologic Modeling Conference) will take place on March 23-27, 2014 at the Peppermill Hotel in Reno, Nevada. The team is working on the Call for Abstract Flyer. ACWI-SOH members are encouraged to Save this Date on their calendars. Chandra Pathak
e) Satellite Telemetry Interagency Work Group Comments

- Jerry commented that the USACE was able to find resources for DOMSAT and it would be beneficial to seek more solid funding that could carry 3-4 years out.

8. Standard Procedures for Invited Guests Claudia Hoeft

- This procedure has been tabled because there are no consistent visitor and guest policies across the Federal spectrum. Since ACWI-SOH has chosen to distribute the quarterly meeting across different locations in the greater DC area to accommodate our guests and honored invitees from the host agency.

- Guests, visitors, and ACWI-SOH members will have to be provided information and the guest/visitor registration requirements in advance of the meeting. ACWI-SOH Chair and Vice-Chair will work with the hosting agency in understanding the respective visitor policy and security procedures.

9. Current Events within Hydrologic Communities All

10. Announcements and Q&A on Business Reports from Member Organizations All

a) Business Reports:

- NWS AWARE July 2012 Edition: http://www.nws.noaa.gov/os/Aware/pdfs/12summer- 
  aware.pdf

b) “The SOH CONNECTIONS” Newsletter Editor’s Report

c) Joseph Gacinto is helping with the Fall/Winter 2012 Newsletter:

d) Announcement for Workshop for Developing a Program in Probabilistic Flood Hazard Assessment (Prospectus) Tom Nicholson

11. Review Action Items Victor Hom

- See New Actions below.

12. Plans for Next Meeting Victor Hom

- Monday, January 28, 2012 from noon to 3:00 pm EST
- Location: USACE-HQ 441 G Street, N.W. Washington, DC.
- Feature Presentation: The 2011 Mississippi River Basin Flood: A Perspective on Forecasting, Water Management, and Flood Fight
- Guest Speaker: Dr. Chandra Pathak

**PRIOR ACTIONS AND STATUS**

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<tr>
<th>Actions</th>
<th>Status</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>Work Group chairs: Provide Workgroup reports to Richard and Victor for posting onto ACWI SOH Website.</td>
<td>Completed</td>
<td>August 15th</td>
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<tr>
<td>Michael Eberle: Provide meeting presentation to Richard and Victor for posting onto ACWI SOH Website.</td>
<td>Completed</td>
<td>August 15th</td>
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<tr>
<td>Robert Mason: Provide weblink to USBR site with references</td>
<td>Completed. See</td>
<td>August 15th</td>
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<tr>
<td><strong>Victor Hom:</strong> Work with NWS to discuss repository and archiving of storm analyses.</td>
<td>Completed – Data Analyses for Storm Reports are being prepped to be archived at the National Archives Center</td>
<td>August 15th</td>
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<td><strong>Victor Hom:</strong> Provide Tom Nicholson and ESWG link to NWS Service Assessments and cite the assessment which mentions Extreme Storms.</td>
<td>Completed. Email sent</td>
<td>August 15th</td>
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<tr>
<td><strong>Tom Nicholson and Victor Hom:</strong> Make plans to present an overview of ACWI SOH and ESWG activities to ICODS.</td>
<td>Victor invited James Demby, FEMA NDSP and ICODs led to October 15th ACWI SOH Meeting, October 11th ICODs meeting had pre-planned high level activities.</td>
<td>August 15th</td>
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<td><strong>William Merkel:</strong> Provide link to Spatial Workgroup presentation.</td>
<td>Completed – Received and Posted.</td>
<td>August 15th</td>
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<td><strong>All members:</strong> Provide NRC name and agency POC who would like to sponsor NRC workshop for January 2013.</td>
<td>Completed</td>
<td>September 5th</td>
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<td><strong>All members:</strong> Provide comments to Claudia on Guest Procedures</td>
<td>Completed, procedures may differ at hosting agency, as such coordination with ACWI Chair/Vice-Chair are still required</td>
<td>September 28</td>
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<tr>
<td><strong>Richard Raione:</strong> Arrange for guest speaker</td>
<td>Completed - . Two speakers for October 2012</td>
<td>August 13</td>
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**NEW ACTIONS**
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<tr>
<th>All members: Provide comments to William Merkel on Draft Report for Hydrologic and Hydraulics GIS Applications Workgroup.</th>
<th>Siamak to provide Bill a copy of FEMA disclaimer to be considered in the document that the document is a guideline and not a requirement.</th>
<th>October 31st</th>
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<tr>
<td>Robert Mason: Robert provided the link to a website which has been used to host research/development work for B17C and HFAWG. The link is to be used by ACWI members only.</td>
<td>Victor to forward link on December 10th.</td>
<td>December 14th</td>
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<td>Victor: Work with Chandra on presentation about the MR&amp;T system for January 2013 meeting.</td>
<td>-</td>
<td>December 14th</td>
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<td>Victor: Work with Richard and Claudia to put a simple paragraph on ACWI SOH procedures to welcome guest to attend the ACWI SOH meetings</td>
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<td>December 14</td>
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<td>All members: Submit newsletter articles to ACWI SOH editors: Joe Giacinto and Peter Chaput.</td>
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<td>As received</td>
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<td>All members: Submit current events and business reports on FY13Q1 activities to Richard and Victor in preparation for October meeting.</td>
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<td>December 14th</td>
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<td>Work Group chairs: Send Work Group status reports to Richard and Victor in preparation for January meeting.</td>
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<td>December 21</td>
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<td>All members: Provide suggestions to Claudia on Conference themes for the SEDHYM 2014 Conference</td>
<td>Stay tune to Conference announcements</td>
<td>As received</td>
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