

**Subcommittee on Hydrology (SOH)  
Extreme Storm Events Work Group (ESEWG)  
DRAFT Workshop Prospectus for**

**EXTREME PRECIPITATION ANALYSIS PRODUCTS**

*Workshop objective:* Create a description of the new extreme storm product(s) and develop a draft technical scope of work for the product(s) as directed by ACWI.

*Focus:* What do the extreme storm analysis needs look like in product form?

*Proposed Workshop Dates:* January 14-15, 2014

*Proposed Workshop Location:* Denver, Colorado or Washington, DC or both via Webinar

*Workshop Agenda:*

DAY1 (Begin at 8:00 a.m.)

1. Welcome and Introduction (8:00-8:15)
2. Current Application of Extreme Precipitation Data and Information [each Federal agency provided 30 minutes-to answer [propose list of questions](#)]
  - a. NRCS (8:15-8:45)
  - b. USGS (8:45-9:15)
  - c. FERC (9:15-9:45)
  - d. NWS (9:45-10:15)
  - e. Break
  - f. NRC (10:30-11:00)
  - g. TVA (11:00-11:30)
  - h. USACE (11:30-12:00)
  - i. USBR (12:00 – 12:30)
3. LUNCH (12:15-1:15)
  - a. Possible points of discussion – **DEFINE PRECISELY**
    - i. HMRs (how are they used, which information is most useful (i.e., storm patterns, %PMP, seasonality) and which ones need updating the most)
    - ii. NOAA-14 (how is it used, which information is most useful for time-areal estimates, beyond 1000-yr, Areal Reduction Factors (ARF))
    - iii. National Storm Catalog (how can the storm-flood analyses support future precipitation frequency estimates?)
    - iv. their application analyses (site specific, watershed, state level, extrapolations)
    - v. Ongoing Federal agency activities
4. Future Needs, what do you need developed today for safety analyses? Current analysis needs

- a. What do you need that you don't have now?
  - i. ARFs, updated catalog, extension beyond 1000-yr recurrence intervals, etc.
- b. What perspectives do you need to consider in developing new products?
  - i. Uniform, national..
  - ii. End product? Or methodology/guidance to get you there?
  - iii. Scaling (generalized, regional, site-specific)
- c. Listing of specific products needed

DAY2 (Begin 8:00am)

1. Review of Day 1's discussions and agreements (8:00 – 8:30)
2. Create description of new product(s) and formulate draft technical proposal with resource estimates
3. Level of interest in future participation
  - a. Technical assistance
  - b. Potential collaboration
    - i. Formation of Subcommittees (storm database, storm frequency, PMP)
  - c. Financial support
4. Outline future activity
  - a. Formalize product descriptions and endorsements
  - b. Submission to SOH
  - c. Allocation of resources
  - d. Technical workshop