

**AGU Fall 2008**

#### **H14 - Verification of Hydrologic, Hydrometeorological, and Hydroclimatological Forecasts**

**\*H14 Session Abstract\*:**

This special session seeks contributions from the research, operational and user communities on recent advances in science and practice of forecast verification for hydrologic, hydrometeorological and hydroclimatological forecasts for both single-valued and probabilistic forecasts given at forecast points or grids. It will include methods and studies for post-event verification, diagnostic verification, and real-time (prognostic) verification for weather, climate, and water forecasts across a range of space and time scales. Such forecast verification will help quantify the marginal value of improvement in newly developed hydrometeorological, hydroclimatological and hydrologic observations and forecasting techniques for hydrology and water resources applications. It will also help advance our understanding of the hydrologic forecasting process based on rigorous forecast verification, and maximize the utility of water forecasts for diverse users.

The specific areas of contributions sought are (but not limited to): new verification metrics for single-valued and probabilistic forecasts, reference forecasts for skill scores, verification of forecast services efficiency and forecast usability, evaluation of amplitude vs. phase errors, spatial verification methods, verification of real-time forecasts, verification of extreme or rare events, sampling uncertainty (including confidence intervals and hypothesis testing), observational uncertainty, analysis of sources of uncertainty, integration of hydrologic verification information in risk-based decision system.

<http://www.agu.org/meetings/fm08/index.php/Program/SessionSearch/?show=detail&sessid=423>

The online submission deadline is September 10th, 2008.

Please submit your abstract at: <http://submissions3.agu.org/submission/entrance.asp>

Further information on housing and registration information can be found at

[www.agu.org/meetings/fm08/](http://www.agu.org/meetings/fm08/).

We look forward to your contribution to help advance forecast verification science and deliver meaningful forecast and verification products to diverse user communities.

Best regards,

Conveners:

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