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## **Reviewed publications**

**Lorenz, C.** and Kunstmann, H.: 2012: *The Hydrological Cycle in Three State-of-the-Art Reanalyses: Intercomparison and Performance Analysis*  
Journal of Hydrometeorology, 13, 1397 – 1420  
doi: <http://dx.doi.org/10.1175/JHM-D-11-088.1>

## **Conference contributions**

**Lorenz, C.**, Vogl, S. and Kunstmann, H.: *Copula based merging of modelled and satellite derived soil moisture fields and ecosystem fluxes*  
HGF Alliance Remote Sensing and Earth System Dynamics Hydrosphere Workshop 2013, Berlin, Germany, February 20 – 21 (oral presentation)

**Lorenz, C.**, Kunstmann, H., Devaraju, B. and Sneeuw, N.: *Improving the spatial resolution of terrestrial water storage changes by assimilating GRACE with hydrological- and hydro-meteorological information*  
American Geosciences Union Fall Meeting 2012, San Francisco, USA, December 3 – 7 (poster presentation, OSPA winner)

Devaraju, B., **Lorenz, C.**, Tourian, M. and Sneeuw, N.: *Estimating runoff from the assimilation of GRACE data and hydro-meteorological models*  
International Symposium on Gravity, Geoid and Height Systems GGHS 2012, Venice, Italy, October 9 – 12 (oral presentation)

Devaraju, B., **Lorenz, C.**, Tourian, M., Riegger, J. and Sneeuw, N.: *Estimating runoff from GRACE, hydrological data and hydro-meteorological models – a Kalman filtering approach*  
International Symposium on Gravity, Geoid and Height Systems GGHS 2012, Venice, Italy, October 9 – 12 (oral presentation)

**Lorenz, C.**, Kunstmann, H., Sneeuw, N., Devaraju, B., Tourian, M. and Riegger, J.: *Ensemble-based water storage changes from observations, hydrological and atmospheric reanalysis models*  
Joint SPP 1257 Final Colloquium and Int. GRACE Science Team Meeting 2012, Potsdam, Germany, September 17 – 19 (poster presentation)

**Lorenz, C.** and Kunstmann, H.: *The Hydrological Cycle in Three State-of-the-Art Reanalyses: Intercomparison and Performance Analysis*  
4th World Climate Research Programme International Conference on Reanalyses 2012, Silver Spring, USA, May 7 – 11 (poster presentation)

**Lorenz, C.** and Kunstmann, H.: *The Hydrological Cycle in Three State-of-the-Art Reanalyses: Intercomparison and Performance Analysis*  
European Geosciences Union General Assembly 2012, Vienna, Austria, April 22 – 27 (oral presentation)

Devaraju, B., **Lorenz, C.**, Tourian, M. and Sneeuw, N.: *On the cyclo-stationarity of the time-variable Kaula rule*  
European Geosciences Union General Assembly 2012, Vienna, Austria, April 22 – 27 (oral presentation)

**Lorenz, C.**, Kunstmann, H. and Fersch, B.: *The role of atmospheric models in closing the global water cycle*  
DFG SPP 1257 Workshop on GRACE-Hydrology 2012, Bonn, Germany, February 13 – 14 (oral presentation)

Devaraju, B., **Lorenz, C.**, Tourian, M. and Sneeuw, N.: *Estimating hydrological mass changes from GRACE level-2 data: filtering and data assimilation*  
DFG SPP 1257 Workshop on GRACE-Hydrology 2012, Bonn, Germany, February 13 – 14 (oral presentation)

**Lorenz, C.** and Kunstmann, H.: *Atmospheric data for geodetic applications*  
Geodetic Week 2011, Nürnberg, Germany, September 27 – 29 (oral presentation)

**Lorenz, C.**, Devaraju, B. and Sneeuw, N.: *On the computation of a reliable signal covariance for the stochastic filtering of time-variable gravity field from GRACE*  
European Geosciences Union General Assembly 2009, Vienna, Austria, April 19 – 24 (oral presentation)

Devaraju, B., Sneeuw, N., Kindt, H., Riegger, J. and **Lorenz, C.**: *Constraining monthly GRACE solutions with hydrological mass estimates*  
European Geosciences Union General Assembly 2008, Vienna, Austria, April 13 – 18 (poster presentation)