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Education

2014/03   **Doctor** Graduate School of Life and Environmental Sciences, University of Tsukuba, Japan

2009/03   **M.S.**   Graduate School of Life and Environmental Sciences, University of Tsukuba, Japan

2007/03   **B.S.**   College of Natural Sciences, University of Tsukuba, Japan

Professional Experience

2014/04-present   **Postdoctoral Researcher**
          Data Assimilation Research Team, RIKEN Advanced Institute for Computational Science, Kobe, Japan

2013/01-2014/03   **Student Trainee**
          Data Assimilation Research Team, RIKEN Advanced Institute for Computational Science, Kobe, Japan

2012/04-2014/03   **Research Fellow**
          Japan Society for the Promotion of Science, Japan

Publications: Journal Articles (Peer-reviewed)

1) Kondo, K., and H. L. Tanaka, 2009: Comparison of the extended Kalman filter and the ensemble Kalman filter using the barotropic general circulation model. *J. Meteor. Soc. Japan*, **87,** 347-359.
2) Kondo, K., and H. L. Tanaka, 2009: Applying the local ensemble transform Kalman filter to the nonhydrostatic icosahedral atmospheric model (NICAM). *SOLA*, **5,** 121-124.
3) Kondo, K., T. Miyoshi, and H. L. Tanaka: Parameter sensitivities of the dual-

localization approach in the local ensemble transform Kalman filter. *SOLA*, **9**, 174-178.

4) Kondo, K., and T. Miyoshi, 2016: Impact of removing covariance localization in an ensemble Kalman filter: experiments with 10240 members using an intermediate AGCM. *Mon. Wea. Rev.*, **144**, 4849-4865.

5) Miyoshi, T., and K. Kondo, 2013: A multi-scale localization approach to an ensemble Kalman filter. *SOLA*, **9**, 170-173.

6) Miyoshi, T., K. Kondo, and T. Imamura, 2014: 10240-member ensemble Kalman filtering with an intermediate AGCM. *Geophys. Res. Lett.*, **41**, 5264-5271.

7) Miyoshi, T., K. Kondo, and K. Terasaki, 2015: Numerical Weather Prediction with Big Ensemble Data Assimilation. *Computer*, **48**, pp. 15-21.

8) Yang S.-C., S.-H. Chen, K. Kondo, T. Miyoshi, Y.-C. Liou, Y.-L. Teng and H.-L. Chang, 2017: Multi-localization data assimilation for predicting heavy precipitation associated with a multi-scale weather system. *J. Adv. Modeling Earth Systems*, **9**, 1684-1702.