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B.Sc., in Oceanography, Seoul National University, Korea, 1996; M.Sc., in Physical Oceanography, Seoul National University, Korea, 1998; Ph.D., in Physical Oceanography, University of Washington, 2003.

Assistant Scientist, November 2006–present, Department of Physical Oceanography, Woods Hole Oceanographic Institution; Visiting Scientist, March–November 2006, National Center for Atmospheric Research; Postdoctoral Scientist, December 2003–February 2006, University of Washington; Research Assistant/Teaching Assistant, September 1998–November 2003, University of Washington; Research Assistant/Teaching Assistant, March 1996–June 1998, Seoul National University.

Recent or Pertinent Publications

- Kwon, Y.-O., K. Kim, Y.-G. Kim, and K.-R. Kim, 2004. Diagnosing long-term trends of the water mass properties in the East Sea (Sea of Japan). *Geophys. Res. Lett.*, **31**, L20306, doi:10.1029/2004GL020881.
- Kwon, Y.-O., and S. C. Riser, 2004. North Atlantic Subtropical Mode Water: A History of Ocean-Atmosphere Interaction 1961–2000. *Geophys. Res. Lett.*, **31**, L19307, doi:10.1029/2004GL021116.
- Kwon, Y.-O., and S. C. Riser, 2005. The General Circulation of the Western Subtropical North Atlantic Observed Using Profiling Floats. *J. Geophys. Res.*, **110** (C10), C10012, doi:10.1029/2005JC002909.
- Alexander, M. A., J. Yin, G. Branstator, A. Capotondi, C. Cassou, R. Cullather, Y.-O. Kwon, J. Norris, J. Scott, and I. Wainer, 2006. Extratropical Atmosphere-Ocean Variability in the CCSM3. *J. Climate*, **19**, 2482–2495.
- Peng, G., E. P. Chassignet, Y.-O. Kwon, and S. C. Riser, 2006. Investigation of Variability of the North Atlantic Subtropical Mode Water Using Profiling Float Data and Numerical Model Outputs. *Ocean Modelling*, **13**, 65-85.
- Kwon, Y.-O., and C. Deser, 2007. North Pacific Decadal Variability in Community Climate System Model Version 2. *J. Climate*, **20**, 2416–2433.
- Jochum, M., G. Danabasoglu, M. Holland, Y.-O. Kwon, and W. G. Large, 2008, Ocean viscosity and climate, *J. Geophys. Res.*, **113**, C06017, doi:10.1029/2007JC004515.
- Joyce, T. M., Y.-O. Kwon, and L. Yu, 2009. On the relationship between Synoptic Wintertime Atmospheric Variability and path shifts in the Gulf Stream and Kuroshio Extension, *J. Climate*, accepted.

Synergistic Activities: Member of the U.S.-CLIVAR Western Boundary Current Ocean-Atmosphere Interaction Working Group aiming on the improved understanding of ocean's role in climate and atmospheric variability by bring together the modeling and observational groups, such as the CLIMODE and KESS. Member of the Community Climate System Model (CCSM) Climate Variability Working Group and also the CCSM Ocean Modeling Working Group contributing to analysis and development of the global climate models.

Collaborators over the Last Four Years: Mike Alexander (NOAA ESRL), Nick Bond (University of Washington), Christophe Cassou(CNRS CERFACS), Gokhan Danabasoglu (NCAR), Clara Deser (NCAR), Shenfu Dong (NOAA AOML), Claude Frankignoul (LOCEAN/IPSL), Markus Jochum (NCAR), Terry Joyce (WHOI), Hisashi Nakamura (University of Tokyo), Jong-Jin Park (WHOI), Bo Qiu (University of Hawaii), Steve Riser (University of Washington), LuAnne Thompson (University of Washington), Lisan Yu (WHOI)

Graduate Students Advised over the last five years:

Postdoctoral Investigators Sponsored over last five years:

Graduate Advisor: Steve Riser (University of Washington), Kuh Kim (Seoul National University)

Postdoctoral Advisors: Clara Deser (National Center for Atmospheric Research)