

# CURRICULUM VITAE

**Yi-Hui Wang**

## **Education**

- Ph.D.: Earth System Science, University of California, Irvine. 2013.
- M.S.: Earth System Science, University of California, Irvine. 2009.
- B.S.: Atmospheric Sciences, National Taiwan University, 2007.

## **Research Interest**

- Air-sea interaction
- Relationship between large-scale circulation and regional variability

## **Profession Experience**

- NASA Postdoctoral Fellow (2014 February onwards).
- Graduate Research Assistant, University of California, Irvine (2008-2013).

## **Selected Awards**

- NASA Postdoctoral Program Fellowship. 2014.
- School of Physical Sciences Faculty Endowed Fellowship. University of California, Irvine. 2012-2013.
- Departmental fellowship, Earth System Science. University of California, Irvine. 2007-2008.
- National Taiwan University President's Award. 2003-2005.

## **Publications**

- Wang, Y.-H., W. T. Liu: Observational evidence of frontal-scale atmospheric response to Kuroshio Extension variability, *Journal of Climate*, under revision
- Wang, Y.-H., G. Magnúsdóttir, H. Stern, X. Tian, and Y. Yu: Uncertainty Estimates of the EOF-derived North Atlantic Oscillation, *Journal of Climate*, **27**, 1290–1301, doi: 10.1175/JCLI-D-13-00230.1

- Wang, Y.-H., G. Magnusdottir, H. Stern, X. Tian, and Y. Yu, 2012: Decadal Variability of the NAO - Introducing an Augmented NAO Index, *Geophysical Research Letters*, 39, L21702, doi:10.1029/2012GL053413
- Wang, Y.-H. and G. Magnusdottir, 2012: The Shifting Northern Center of Action of the NAO and Cyclonic Rossby Wave Breaking. *Journal of Climate*, 25, 7973–7982. doi: 10.1175/JCLI-D-11-00596.1
- Wang, Y.-H. and G. Magnusdottir, 2011: Tropospheric Rossby Wave Breaking and the SAM. *Journal of Climate*, 24, 2134-2146. doi: 10.1175/2010JCLI4009.1

### **Conference Abstracts and posters**

- Wang, Y.-H., W. T. Liu: Observational evidence of frontal-scale atmospheric response to Kuroshio Extension variability. American Geophysical Union Annual Meeting, San Francisco. December 2014.
- Wang, Y.-H., G. Magnusdottir, H. Stern, X. Tian, and Y. Yu: Uncertainty Estimates of the EOF-derived North Atlantic Oscillation. American Geophysical Union Annual Meeting, San Francisco. December 2013.
- Wang, Y.-H., G. Magnusdottir, H. Stern, X. Tian, and Y. Yu: Decadal Variability of the NAO—Introducing an Augmented NAO Index. The 24<sup>th</sup> conference on Climate Variability and Change. New Orleans. January 2012.
- Wang, Y.-H. and G. Magnusdottir: The Shifting Northern Center of Action of the NAO and Cyclonic Rossby Wave Breaking. The 18<sup>th</sup> Conference on Atmospheric and Oceanic Fluid Dynamics. Spokane. June 2011.
- Wang, Y.-H. and G. Magnusdottir: Tropospheric Rossby Wave Breaking and the SAM. The Western Pacific Geophysics Meeting. Taiwan. June 2010.