HAO YE

The goal of my research is to advance our understanding of how complex systems change over time, and the ways in which the driving processes manifest as changes. Although we have many hypotheses & models for ecosystem changes, as well as increasingly numerous and accessible data, bridging theory and observations remains challenging and elusive. I approach this topic through the development of methods for analyzing time series data and the application of these methods in specific systems and macro-scale analyses.

EDUCATION

2015 **Ph.D., Oceanography**
University of California, San Diego

2011 **M.S. Oceanography**
University of California, San Diego

2007 **M.A. Psychology**
University of California, San Diego

2006 **B.S., Computer Science**
California Institute of Technology

RESEARCH EXPERIENCE

2020 | 2017 **Postdoctoral Associate**
University of Florida

2017 | 2015 **Postdoctoral Scholar**
University of California, San Diego

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scholar.google.co.uk/citations?user=8hToXlwAAAAJ

LANGUAGE SKILLS

- R
- C++
- Lisp
- Bash

*Made with the R package **pagedown**.*

The source code is available at github.com/ha0ye/pagedown-test, forked from github.com/nstrayer/cv.

Last updated on 2020-03-16.

PUBLICATIONS, POSTERS, AND TALKS

2019 Pennekamp, F., Iles, A., Garland, J., Brennan, G„ Brose, U., Gaedke, Ursula, J., Ute, K., P., Matthews, B., Munch, S., Novak, M., Palamara, G. M., Rall, B., Rosenbaum, B., Tabi, A., Ward, C., Williams, R., **Ye, H.**, and O. Petchey. The intrinsic predictability of ecological time series and its potential to guide forecasting. *Ecological Monographs* **89**: e01359.

2019 Christensen, E.M., Yenni, G.M., **Ye, H.**, Simonis, J.L., Bledsoe, E.K., Diaz, R., Taylor, S.D., White, E.P., and S.K.M. Ernest. portalr: an R package for summarizing and using the Portal Project Data. *Journal of Open Source Software* **4**: 1098.

TEACHING EXPERIENCE

2020 R for Social Scientists

UF Carpentries Club

2008 | 2006 Intro to Statistics

University of California, San Diego

- TA and lectured