Untitled

Yuchao Wang

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Ethan White's Curriculum Vitae

Contact

Email: ethanwhite@ufl.edu
Twitter: [@](https://twitter.com/ethanwhite)ethanwhite
Website: ethanwhite.org
Mail: Department of Wildlife Ecology & Conservation, University of Florida, 110 Newins-Ziegler Hall, PO Box 110430, Gainesville, FL 32603

Education

2005 PhD Biology (with distinction), University of New Mexico
1998 BA Biology (*magna cum laude*), Colorado College

Research and Professional Experience

2015- Associate Professor, Dept. Wildlife Ecology & Conservation, University of Florida
2012- Senior Scientist, Sevilleta Long-Term Ecological Research Station
2012-2015 Associate Professor, Dept. of Biology and Ecology Center, Utah State University
2007-2012 Assistant Professor, Dept. of Biology and Ecology Center, Utah State University
2005-2007 NSF Postdoctoral Fellow in Biological Informatics, Univ. of AZ & U.C. Merced

Fellowships and Awards

Moore Foundation Investigator in Data-Driven Discovery 2014-2021
NSF CAREER 'Young Investigators' Award 2010-2015
NSF Postdoctoral Fellowship in Biological Informatics 2005-2007
NSF Graduate Research Fellowship 2000-2005
University of New Mexico Biocomplexity Fellowship 2002-2004
Richard G. Beidleman Award 1998 (Colorado College)
Phi Beta Kappa 1998

Publications

Publication Impact: Google Scholar (citations = 4494, h-index = 31)
[**OA**]: The published paper is open access (or at least free to read)
[**OA version**]: Link to an open or free version of the paper if the published version is not open access
**undergraduate, *graduate student, +postdoc

Journal Articles

Weinstein, B.G., S. Marconi, M. Aubry-Kientz, G. Vincent, H. Senyondo, E.P. White. 2020. DeepForest: A Python package for RGB deep learning tree crown delineation. Methods in Ecology and Evolution 11:1743–1751. https://doi.org/10.1111/2041-210X.13472 [**OA**, Code, Preprint]

Taylor, S.S., J.R. Coyle, E.P. White, and A.H. Hurlbert. In press. A simulation study of the use of temporal occupancy for identifying core and transient species. PLOS ONE. [**OA**, Preprint]

Marconi, S. S.J. Graves, B.G. Weinstein, S. Bohlman, and E.P. White. In press. Rethinking the fundamental unit of ecological remote sensing: Estimating individual level plant traits at scale. Ecological Applications. [**OA**, Preprint]

Adler, P.B., E.P. White, M.H. Cortez. 2020. Matching the forecast horizon with the relevant ecological processes. Ecography 43:1729–1739. https://doi.org/10.1111/ecog.05271 [Code, Preprint]