

# Stanford

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## Connor Nolan

Postdoctoral Scholar, Biology

### CONTACT INFORMATION

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### Bio

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#### INSTITUTE AFFILIATIONS

- Postdoctoral Scholar, Stanford Woods Institute for the Environment

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Arizona (2019)
- Bachelor of Science, Iowa State University (2012)
- Ph.D, University of Arizona , Geosciences (2019)
- B.S., Iowa State University , Mathematics (2012)
- B.S, Iowa State University , Biology (2012)

#### STANFORD ADVISORS

- Chris Field, Postdoctoral Faculty Sponsor

#### LINKS

- Personal Website: <https://connornolan.science>

### Publications

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#### PUBLICATIONS

- **Constraints and enablers for increasing carbon storage in the terrestrial biosphere** *NATURE REVIEWS EARTH & ENVIRONMENT*  
Nolan, C. J., Field, C. B., Mach, K. J.  
2021
- **Pollen-based climate reconstruction techniques for late Quaternary studies** *EARTH-SCIENCE REVIEWS*  
Chevalier, M., Davis, B. S., Heiri, O., Seppa, H., Chase, B. M., Gajewski, K., Lacourse, T., Telford, R. J., Finsinger, W., Guiot, J., Kuhl, N., Maezumi, S., Tipton, et al  
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- **PREDICTING PALEOCLIMATE FROM COMPOSITIONAL DATA USING MULTIVARIATE GAUSSIAN PROCESS INVERSE PREDICTION** *ANNALS OF APPLIED STATISTICS*  
Tipton, J. R., Hooten, M. B., Nolan, C., Booth, R. K., McLachlan, J.  
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- **Comparing and improving methods for reconstructing peatland water-table depth from testate amoebae** *Holocene*  
Nolan, C., Tipton, J., Booth, R. K., Hooten, M. B., Jackson, S. T.  
2019; 29 (8): 1350–61
- **Past and future global transformation of terrestrial ecosystems under climate change** *Science*  
Nolan, C., Overpeck, J. T., Allen, J. M., Anderson, P. M., Betancourt, J. L., Binney, H. A., Brewer, S., Bush, M. B., Chase, B. M., Cheddadi, R., Djamali, M., Dodson, J., Edwards, et al  
2018; 361 (6405): 920–23
- **Placing the Common Era in a Holocene context: millennial to centennial patterns and trends in the hydroclimate of North America over the past 2000 years** *Climate of the Past*  
Shuman, B. N., Routsom, C., McKay, N., Fritz, S., Kaufman, D., Kirby, M. E., Nolan, C., Pederson, G. T., St-Jacques, J.  
2018; 14 (5): 665–86
- **Climatic history of the northeastern United States during the past 3000 years** *Climate of the Past*  
Marlon, J. R., Pederson, N., Nolan, C., Goring, S., Shuman, B., Robertson, A., Booth, R., Bartlein, P. J., Berke, M. A., Clifford, M., Cook, E., Dieffenbacher-Krall, A., Dietze, et al  
2017; 13 (10): 1355–79