

# stefanoallesina

## contact

Ecology & Evolution  
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## appointments

2014–	<b>Professor</b> Department of Ecology & Evolution Senior Fellow, Computation Institute	University of Chicago
2009–2014	<b>Assistant Professor</b> Department of Ecology & Evolution Fellow, Computation Institute	University of Chicago
2007–2009	<b>Postdoctoral Associate</b> National Center for Ecological Analysis & Synthesis (NCEAS)	University of California Santa Barbara
2005–2007	<b>Postdoctoral Fellow</b> Mercedes Pascual Laboratory	University of Michigan
2004–2005	<b>Postdoctoral Fellow</b> Scott Peacor Laboratory; NOAA GLERL	Michigan State University

## education

2002–2005	<b>Ph.D, Ecology</b> Advisor — Antonio Bodini	Università degli Studi di Parma, Italy
1995–2001	<b>Laurea, Environmental Sciences</b> Advisor — Alessandro Zaccagnini	Università degli Studi di Parma, Italy

## publications

### recent articles

- S. Suweis, J. Grilli, J.R. Banavar, S. Allesina, A. Maritan  
Effect of localization on the stability of mutualistic ecological networks  
[Nature Communications](#). 2015
- S. Allesina, J. Grilli, G. Barabás, S. Tang, J. Aljadeff, A. Maritan  
Predicting the stability of large structured food webs  
[Nature Communications](#). 2015
- E.L. Sander, J.T. Wootton, S. Allesina  
What Can Interaction Webs Tell Us About Species Roles?  
[PLoS Computational Biology](#). 2015
- C.J. Weinberger, J.A. Evans, S. Allesina  
Ten simple (Empirical) rules for writing science  
[PLoS Computational Biology](#). 2015
- J. Grilli, G. Barabás, S. Allesina  
Metapopulation Persistence in Random Fragmented Landscapes  
[PLoS Computational Biology](#). 2015
- J.J. Borrelli, S. Allesina, P. Amarasekare, R. Arditi, I. Chase, J. Damuth, R.D. Holt, D.O. Logofet, M. Novak, R.P. Rohr, A.G. Rossberg, M. Spencer, J.K. Tran, L.R. Ginzburg  
Selection on stability across ecological scales  
[Trends in Ecology and Evolution](#) pp. 417–425. 2015

M.J. Smith, E. Sander, G. Barabás, S. Allesina

Stability and feedback levels in food web models

*Ecology Letters* pp. 593–595. 2015

G. Barabás, S. Allesina

Predicting global community properties from uncertain estimates of interaction strengths

*Journal of the Royal Society Interface*. 2015

S. Allesina, S. Tang

The stability-complexity relationship at age 40: a random matrix perspective

*Population Ecology* pp. 63–75. 2015

## editing

2015–	<b>PLoS Computational Biology</b>	Associate Editor
2015–	<b>Scientific Reports</b>	Editor
2013–	<b>Frontiers in Population Dynamics</b>	Associate Editor
2012–	<b>Journal of Complex Networks</b>	Associate Editor
2009–	<b>Oikos</b>	Subject Editor

## reviewing

Reviewer for more than 50 journals and funding agencies, including: American Naturalist, Ecological Monographs, Ecology, Ecology Letters, National Science Foundation, Nature, Nature Communications, Nature Methods, NERC, Oikos, PLoS Biology, PLoS One, Proceedings of the National Academy of Sciences USA, Science, Trends in Ecology & Evolution.