

# Chao Song

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Department of Fisheries and Wildlife  
Michigan State University  
480 Wilson Rd., East Lansing, MI 48824

Tel: +1(517)353-0731  
Email: [chaosong@msu.edu](mailto:chaosong@msu.edu)  
Website: [songchao1986.github.io](https://songchao1986.github.io)

## EDUCATION

- 2012–2018 Ph.D. in Ecology, University of Georgia  
Advisor: Ford Ballantyne IV
- 2013–2016 M.S. in Statistics, University of Georgia  
Advisor: Daniel B. Hall
- 2009–2011 M.A. in Ecology and Evolutionary Biology, University of Kansas  
Advisor: Ford Ballantyne IV
- 2005–2009 B.S. in Ecology (with honors), Peking University  
Advisor: Jin-sheng He
- 2006–2009 B.A. in Economics, Peking University

## PROFESSIONAL EXPERIENCE

- 2018– Postdoctoral Research Associate  
Department of Fisheries and Wildlife, Michigan State University  
Advisors: James R. Bence and Scott D. Peacor
- 2012–2017 Graduate Research/Teaching Assistant  
Odum School of Ecology, University of Georgia
- 2009–2012 Graduate Research/Teaching Assistant  
Department of Ecology and Evolutionary Biology, University of Kansas
- 2007–2009 Undergraduate Research Assistant  
Department of Ecology, Peking University

## HONORS AND AWARDS

- Odum School of Ecology Best Student Paper Award, University of Georgia, 2018
- Endowment Award, Society for Freshwater Science, 2018
- Meyer-Helfman Graduate Travel Awards, University of Georgia, 2017
- Kenneth B. Armitage Award for Excellence in Teaching, University of Kansas, 2012
- National Scholarship for Undergraduate, Ministry of Education of China, 2009

## GRANTS AND FELLOWSHIPS

- Graduate School Travel Grant, University of Georgia, 2015, 2018
- Odum School of Ecology Small Grant, University of Georgia, 2014
- University of Kansas Field Station Small Grant, University of Kansas, 2010
- Graduate Scholarly Presentation Travel Fund, University of Kansas, 2010
- Chancellor's Grant for Undergraduate Research, Peking University, 2007

## PUBLICATIONS

- Song, C., Dodds, W.K., Rüegg, J., Argerich, A., Baker, C.L., Bowden, W.B., Douglas, M.M., Farrell, K.J., Flinn, M.B., Garcia, E.A., Helton, A.M., Harms, T.K., Jia, S., Jones, J.B., Koenig, L.E., Kominoski, J.S., McDowell, W.H., McMaster, D., Parker, S.P., Rosemond, A.D., Ruffing, C.M., Sheehan, K.R., Trentman, M.T., Whiles, M.R., Wollheim, W.M., and Ballantyne, F. (2018) Continental-scale decrease in net primary productivity in streams due to climate warming. *Nature Geoscience*, 11(6): 415–420.
- Wang, Y., Song, C., Yu, L., Mi, Z., Wang, S., Zeng, H., Fang, C., Li, J., and He, J.-S. (2018) Convergence in temperature sensitivity of soil respiration: evidence from the Tibetan alpine grasslands. *Soil Biology and Biochemistry*, 122: 50–59.
- Koenig, L.E., Song, C., Wollheim, W.M., Rüegg, J., and McDowell, W.H. (2017) Nitrification increases nitrogen export from a tropical river network. *Freshwater Science*, 36(4): 698–712.
- Geng, Y., Baumann, F., Song, C., Zhang, M., Shi, Y., Kühn, P., Scholten, T., and He, J.-S. (2017) Increasing temperature reduces the coupling between available nitrogen and phosphorus in soils of Chinese grasslands. *Scientific Reports*, 7: 43524.
- Song, C., Dodds, W.K., Trentman, M.T., Rüegg, J., and Ballantyne, F. (2016) Methods of approximation influence aquatic ecosystem metabolism estimates. *Limnology and Oceanography: Methods*, 14(9): 557–569.
- Song, C., Ballantyne, F., and Smith, V.H. (2014) Enhanced dissolved organic carbon production in aquatic ecosystems in response to elevated atmospheric CO<sub>2</sub>. *Biogeochemistry*, 118(1–3): 49–60.
- Shi, Y., Baumann, F., Ma, Y., Song, C., Kühn, P., Scholten, T., and He, J.-S. (2012) Organic and inorganic carbon in the topsoil of the Mongolian and Tibetan grasslands: pattern, control and implications. *Biogeosciences*, 9(6): 2287–2299.

## TEACHING

University of Georgia: Ecology lab (ECOL 3500L)

University of Kansas: Principles of Molecular and Cellular Biology lab (BIOL 150), Principles of Organismal Biology lab (BIOL 152), Introduction to Biostatistics lab (BIOL 570)

## PROFESSIONAL SERVICES

Journal reviews: Agriculture, Ecosystem & Environment (1), Ecology Letters (1), Environmental Science: Processes and Impacts (1), Freshwater Science (1), Hydrobiologia (1), Journal of Plant Ecology (1), Scientific Reports (8)

Newsletter editor, Sino-Ecologists Association Overseas, 2014–2018

Odum School of Ecology graduate program committee, 2015–2016

Odum School of Ecology seminar committee, 2015–2016

## SYNERGISTIC ACTIVITIES

Invited participant, Spatial Dynamics in Stream Networks working group, Stream Resiliency Research Coordination Network, 2018