

Chao Song

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

Tel: +1(517)353-0731
Email: chaosong@msu.edu
Website: 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, 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., W.K. Dodds, J. R  egg, A. Argerich, C.L. Baker, W.B. Bowden, M.M. Douglas, K.J. Farrell, M.B. Flinn, E.A. Garcia, A.M. Helton, T.K. Harms, S. Jia, J.B. Jones, L.E. Koenig, J.S. Kominoski, W.H. McDowell, D. McMaster, S.P. Parker, A.D. Rosemond, C.M. Ruffing, K.R. Sheehan, M.T. Trentman, M.R. Whiles, W.M. Wollheim, and F. Ballantyne (2018). Continental-scale decrease in net primary productivity in streams due to climate warming. *Nature Geoscience*, 11(6): 415–420.
- Wang, Y., C. Song, L. Yu, S. Mi, S. Wang, H. Zeng, C. Fang, J. Li, and J.-S. He (2018). Convergence in temperature sensitivity of soil respiration: evidence from the Tibetan alpine grasslands. *Soil Biology and Biochemistry*, 122: 50–59.
- Koenig, L.E., C. Song, W.M. Wollheim, J. R  egg, and W.H. McDowell (2017). Nitrification increases nitrogen export from a tropical river network. *Freshwater Science*, 36(4): 698–712.
- Geng, Y., F. Baumann, C. Song, M. Zhang, Y. Shi, P. K  hn, T. Scholten, and J.-S. He (2017). Increasing temperature reduces the coupling between available nitrogen and phosphorus in soils of Chinese grasslands. *Scientific Reports*, 7: 43524.
- Song, C., W.K. Dodds, M.T. Trentman, J. R  egg, and F. Ballantyne (2016). Methods of approximation influence aquatic ecosystem metabolism estimates. *Limnology and Oceanography: Methods*, 14(9): 557–569.
- Song, C., F. Ballantyne, and V.H. Smith (2014). Enhanced dissolved organic carbon production in aquatic ecosystems in response to elevated atmospheric CO₂. *Biogeochemistry*, 118(1–3): 49–60.
- Shi, Y., F. Baumann, Y. Ma, C. Song, P. K  hn, T. Scholten, and J.-S. He (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