

YUTA MASUDA

EMPLOYMENT

The Nature Conservancy
Senior Sustainable Development and Behavioral Scientist
Environmental and Social Policy Scientist
January 2018 – present
July 2013 – January 2018

EDUCATION

University of Washington
Ph.D. Public Policy and Management
Center for Studies on Demography and Ecology Certificate
Center for Social Science Statistics Certificate
Seattle, WA
2014

University of Washington
M.Sc. Public Policy and Management
Seattle, WA
2011

University of Georgia
B.B.A. Economics
Athens, GA
2005

PUBLICATIONS

Journal articles

- Robinson, B.E., Masuda, Y.J., Kelly, A.C., Holland, Bedford, C., Childress, M., Fletschner, D., Game, E.T., Ginsburg, C., Hillhorst, T., Lawry, S., Miteva, D., Musengezi, J., Naughton, L., Nolte, C., Sunderlin, W., & Veit, P. Conservationists should care about land tenure. (2017). *Conservation Letters*.
- McKinnon, M.C., Cheng, S.H., Butterfield, R., DuPre, S., Edmond, J., Garside, R., Glewwe, L., Holland, M.B., Levine, E., Masuda, Y.J., Miller, M., Oliveria, I., Revenaz, J., Roe, D., Shamer, S., Wilkie, D., Wongbusarakum, S., & Woodhouse, E. What are the effects of nature conservation on human wellbeing? A systematic map. (2016). *Environmental Evidence*, 5(8), DOI: 10.1186/s13750-016-0058-7
- Reddy, S.W., Montambault, J., Masuda, Y.J., Fisher, J., Gneezy, A., Keenan, E., Butler, W., & Asah, S. Advancing Conservation by Understanding and Influencing Human Behavior. (2016). *Conservation Letters*.
- Scharks, T., & Masuda, Y.J. (2016). Valuing nature isn't evil. *Conservation Letters*, 9(1), pp. 3-4.
- McKinnon, M.C., Cheng, S.H., Garside, R., Masuda, Y.J., & Miller, D.C. (2015). Sustainability: Map the evidence. *Nature*, 528(7581), pp.185-188.
- Williams, J.R., Masuda, Y.J., & Tallis, H. (2015). Time poverty: A measure whose time has come. *Social Indicators Research*. DOI: 10.1007/s11205-015-1029-z
- Masuda, Y.J. & Scharks, T. (2014). A big leap to slavery. Letter in *Science*, 346(6211), pp. 819.
- Tallis, H., et al. Masuda, Y.J. (2014). Towards a diverse conservation ethic. *Nature*, 515(7525), pp. 27-28.
- Chaudhri, R., Borriello, G., Lieberg, K., Sodt, R., Chilton, J., Cook, J.H. & Masuda, Y.J. (2012). Sensors and smartphones: Tracking water collection in rural Ethiopia. *IEEE Pervasive Computing*, 11(3), pp. 15-24.

Masuda, Y.J., Fortmann, L., Gugerty, M.K., Smith-Nilson, M. & Cook, J. (2012). Pictorial approaches for measuring time use in rural Ethiopia. *Social Indicators Research*, 115(1), pp. 467-482.

Cowell, A.J., Brown, J.M., Wedehase, B.J. & Masuda, Y.J. (2010). Costs of using motivational interviewing for problem drinking in the U.S. Air Force. *Military Medicine*, 175(12), pp. 1007-1013.

Luo, Z., Cowell, A.J., Masuda, Y.J., Novak, S.P. & Johnson, E.O. (2010). Course of major depressive disorder and labor market outcome disruption over three to four years. *Journal of Mental Health Policy and Economics*, 13(3), pp. 135-149.

Cowell, A.J., Luo, Z. & Masuda, Y.J. (2009). Psychiatric disorders and the labor market: An analysis by psychiatric profiles. *Journal of Mental Health Policy and Economics*, 12(1), pp. 3-17.

Book chapters

Masuda, Y.J. and Scharcks, T. Science communication is receiving a lot of attention, but we are not getting much better at it. (2017). In P. Kareiva, B. Silliman, & M. Marvier (Eds.), *Effective Conservation Science: Data not Dogma*. Oxford University Press.

Technical documents

Fargione, J., Baumgarten, L., Cortez, R., Game, E., Grimm, D., Higgins, J., Leberer, T., Masuda, Y.J., Morrison, S., Palmer, S., & Tallis, H. (2016). Conservation by Design 2.0 Guidance Document. The Nature Conservancy.

https://www.conservationgateway.org/ConservationPlanning/cbd/Documents/CbD2.0_Guidance%20Doc_Version%201.pdf

Holland, M.B., Dupre, S.I., Baker, J., Lawry, S., Duchelle, A.E., Kelly, A.C., Masuda, Y.J., & Robinson, B.E. How does indigeneity influence socio-ecological conditions on community forested lands? A systematic review protocol. *CIFOR Working Paper*.

WORKING PAPERS (near final or under review)

Game, E.T., Tallis, H., Olander, L., Qui, J., Alexander, S., Cartwright, N., Kalies, E., Masuda, Y.J., Mupepele, A., Rooney, A., Sills, E.O., Sutherland, W., Whitfield, J. An interdisciplinary approach for evidence for managing socio-ecological systems. (under review).

Cheng, S., Augustin, C., Bethel, A., Gill, D., Anzaroot, S., Brun, J., DeWilde, B., Minnich, R.C., Garside, R., Masuda, Y.J., Miller, D.C., Wilkie, D., Wongbusarakum, S., McKinnon, M.C. Using machine learning and data visualization to advance synthesis and use of conservation and environmental evidence. (revise and resubmit).

Cheng, S., Masuda, Y.J., McKinnon, M., Miller, D.C., Wilkie, D., & Gill, D. Avoiding magical thinking in sustainability research by strengthening causal models. (under review).

McLeod, E., Arora-Johnson, S., Masuda, Y.J., Bruton-Adams, M., Dengokl, C.E., Gorong, B., Hudlow, C.J., James, R., Kuhlken, H., Masike-Liri, B., Musrasrik_Carl, E., Otselberger, A., Relang, K., Reyuw, B.M., Sigrah, B., Stinnett, C., Tellei, J., Whitford, L. Raising the voices of Pacific Island women to inform climate adaptation policies. (under review).

Wolff, N.H., Masuda, Y.J., Meijaard, E., Wells, J.A., & Game, E.T. Impacts of tropical deforestation on temperature and human well-being. (under review).

Reddy, S.W., Montambault, J., Torphy, K., Luo, T., Liu, Y., Galey, S., Masuda, Y.J., Fisher, J., Burford, K., &

Frank, K.A. Intra-organizational networks and the spread of evidence-based practices. (under review).

Galey, S., Montambault, J., Reddy, S.W., Torphy, K., Chen, T., Liu, Y., Fisher, J., Masuda, Y.J., Burford, K., & Frank, K.A. Confronting institutional challenges in the world's largest ENGO: Moving from niche-based land acquisition towards socio-ecological systems at the Nature Conservancy. (under review).

Fisher, J.R.B., Montambault, J., Burford, K., Gopalakrishna, T., Reddy, S.M.W., Masuda, Y.J., & Salcedo, A.I. (*Forthcoming*). How knowledge spreads from large conservation organizations to beyond. (revise and resubmit).

Masuda, Y.J. Liu, Y., Reddy, S.W., Burford, K., Fisher, J.R.B., Montambault, J., & Frank, K. Do boundary spanners diffuse innovative information? An experimental study of a large conservation organization. (revise and resubmit).

Masuda, Y.J. Agreeing to disagree? Investigating the determinants of spousal perceptions of control over the wife's decision-making power in rural Ethiopia. (revise and resubmit).

Masuda, Y.J., Fisher, J., Zhang, W., Castilla, C., Boucher, T., & Blundo, G. A participatory method for mapping small agricultural plots with high resolution imagery. (under review).

Seymour, G., Masuda, Y.J., Williams, J.R., & Schneider, K. Household and child nutrition outcomes among the time and income poor in rural Bangladesh. (*under review* for special issue of Global Food Security).

Masuda, Y.J., Tallis, H., Musengezi, J., & Wongbusarakum, S. Human well-being impacts: Incorporating, monitoring, and evaluating human well-being in conservation programs.

Williams, J.R., Masuda, Y.J., & Tallis, H. The interdependence of time and income in creating well-being: Towards a new poverty definition.

Reddy, S.W., Masuda, Y.J., Norris, S., & Liu, J. Opportunities and risks for conservation in the Millennial generation.

Masuda, Y.J., Williams, J., & Tallis, H. What can time use and well-being tell us about poverty? Exploring areas of lower and higher than expected well-being in time and income

Masuda, Y.J. & Cook, J.H. Does improved water access increase child schooling? A quasi-experimental approach from rural Ethiopia.

Cook, J.H., Masuda, Y.J., Fortmann, L., Smith-Nilson, M., & Gugerty, M.K. Measuring the impact of convenient water supply on household time use in rural Ethiopia

PAPERS IN PREPARATION

Journal articles

Ranjan, P., Wardropper, C., Eanes, F., Prokopy, L., Reddy, S.M.W., Masuda, Y.J., Harden, S., Dell, R., & Harlan, D. Understanding barriers and opportunities for adoption of conservation practices on rented farmland.

Masuda, Y.J., Kelly, A.C., Robinson, B.E., Holland, M.B., Bedford, C., Childress, M., Game, E.T., Ginsburg, C., Hillhorst, T., Lawry, S., Miteva, D., Musengezi, J., Naughton, L., Sunderlin, W., & Veit, P. How do practitioners characterize land tenure security?

Miller, D.C., Garside, R., Pullin, A., McKinnon, M.C., Cheng, S.H., Bethel, A., Masuda, Y.J., & Wilkie, D.

Unlocking evidence for environmental sustainability: A key to interpreting and using systematic maps.

Castilla, C., Masuda, Y.J., & Zhang, W. Spousal communication and intrahousehold allocation in Kenya.

Musengezi, J., Tallis, H., & Masuda, Y.J. A devolved approach to identifying and measuring human well-being outcomes in conservation projects: Lessons from northern Kenya.

Cook, J.H. & Masuda, Y.J. Motion sensors and time use: A validation study of water collection time use data.

Books

Holland, M.B., Masuda, Y.J., & Robinson, B.E. (Ed.). Land tenure security and sustainable development.

SERVICE AND OTHER INFORMATION

Institutional

Human Subjects Research Reviewer, the Nature Conservancy

Member, Science Advisory Council, Science for Nature and People Initiative

Member, Conservation by Design Refresh Guidance Committee, the Nature Conservancy

Board Member, Social Science Working Group, Society of Conservation Biology

Reviewer

Grants

Natural Environment Research Council - Ecosystem Services for Poverty Alleviation (UK), Science for Nature and People Initiative

Journals

Proceedings of the National Academy of Science of the United States of America, Society & Natural Resources, Conservation Letters, Frontiers in Ecology and the Environment

Languages

Japanese (native speaking, reading, and writing), Georgian (highly proficient speaking, reading, and writing),

Afaan Oromo (basic), Swahili (basic)

International work experience

Republic of Georgia, Ethiopia, Australia, Indonesia, Tanzania, Kenya, and Mexico

REFERENCES

Available upon request