

# Robin S. Reid

## I. EDUCATION

Duke University	Zoology	B.S. (Honors), 1979
University of Washington	Botany	MSc, 1983
Colorado State University	Range Science	Ph.D., 1992
International Livestock Research Institute	Ecosystem Science	Post doc, 1992-94

## II. ACADEMIC APPOINTMENTS

2013 – present **Professor**, Dept. of Ecosystem Science and Sustainability, Colorado State University  
2008 – present **Director**, Center for Collaborative Conservation, Colorado State University  
2005 – 2008 **Senior Fellow**, Kennedy School of Government, Harvard University  
2002 – present **Senior Research Scientist**, Natural Resource Ecology Lab, Colorado State University  
1992 – 2007 **Principal Systems Ecologist / Project Leader**; International Livestock Research Institute, Nairobi, Kenya

## III. QUALIFICATIONS, CAREER PROFILE and RESEARCH EXPERIENCE

I am a Professor in the Dept. of Ecosystem Science and Sustainability and Director of the Center for Collaborative Conservation at Colorado State University. My research focuses on global pastoral social-ecological systems and I have worked on transdisciplinary research teams in North America, Africa and Asia for over 30 years. My research work develops new models to blend different knowledges to connect research and practice on the ground for social and ecological sustainability. This practical part of my work grew out of my long-term work with pastoral communities in Africa, where I lived and worked for 20 years, and in the last 9 years, in Mongolia and the US.

Throughout my career, the biggest possibility for impact is when interdisciplinary science integrates with cross-sector practice. I have worked as a social-ecological systems scientist on international teams for decades, and our work has evolved from a ‘science provides the answer’ approach to a strong collaborative and boundary-spanning research approach. All of my work uses this model, including my research, curriculum development and teaching, graduate student advising, and the founding of transdisciplinary institutions. This approach works particularly well with pastoral communities, since their culture relies heavily on networking and collaboration to face the increasing challenges of climate change and globalization.

Our transdisciplinary research-for-action work on pastoral social-ecological systems has recently attracted a host of awards. In 2007, we won the World Bank’s most innovative research-community partnership. In 2012, our team won the Sustainability Science Award from the Ecological Society of America. This award is for the paper that has made the most significant contribution to sustainability science in the last 5 years, which we won for our 2009 PNAS paper (see publications list below). In 2013, our team won the Western Association of Graduate Schools Award for Excellence and Innovation in Graduate Education for our transdisciplinary Conservation Leadership MSc program. In 2014, we were nominated for the Association of Public and Land Grant University’s (APLU) Magrath Community Engagement Award. This same year, I won the APLU’s Michael Malone Award for International Leadership in Higher Education for our long-term partnership with the University of Nairobi and local pastoral communities, where we co-founded the new African Drylands Institute for Sustainability.

## IV. SELECTED PUBLICATIONS RELATED TO THE PROJECT

Reid, R.S., Galvin, K.A., Knapp, E., Ogotu, J.O. and Kaelo, D. 2015. *Sustainability of the Serengeti-Mara ecosystem for wildlife and people*. In: Sinclair, A.R.E. and Metzger, K. (eds.), Serengeti IV: Sustaining Biodiversity in a Coupled Human-Natural System. University of Chicago Press.

- Jamyansharav Khishigbayar, Fernandez-Gimenez, M.E., Angerer, J.P., Reid, R.S., Chantsalkham, J., Baasandorj, Y., and Zumberelmaa, D. 2015. Mongolian rangelands at a tipping point? Biomass and cover are stable but composition shifts and richness declines after 20 years of grazing and increasing temperatures. *Journal of Arid Environments* 155: 100-112.
- Reid, R.S., D. Kaelo D.K. Nkedianye, P. Kristjanson, M.Y. Said, K.A. Galvin, and I Gambill. 2014. *Large landscape conservation in the Mara-Serengeti ecosystem and greater Maasailand: Building the role of local leaders, institutions and communities*. In: Levitt, J. (ed.), Large Landscape Conservation, Lincoln Institute, Harvard University.
- Ogutu, J.O., Reid, R.S., Piepho, H-P, Hobbs, N.T., Rainy, M.E., Kruska, R.L., Worden, J.S. and Nyabenge, M. 2014. Large herbivore responses to surface water and land use in an East African savanna: implications for conservation and human-wildlife conflicts. *Biodiversity and Conservation* DOI 10.1007/s10531-013-0617-y
- Reid, R.S. *Savannas of Our Birth*. University of California Press, Berkeley.
- Nkedianye, D., de Leeuw, J., Ogutu, J.O., Said, M.Y., Saidimu, T.L., Kifugo, S.C., Kaelo, D.S., and Reid, R.S. 2011. Mobility and livestock mortality in communally used pastoral areas: The impact of the 2005-06 drought on livestock mortality in Maasailand. *Pastoralism: Research, Policy and Practice* 1: 1-17.
- Reid, R.S., Nkedianye, D., Said, M.Y., et al. 2009. Evolution of models to support community and policy action with science: balancing pastoral livelihoods and wildlife conservation in savannas of East Africa. *Proc of the National Academy of Science*. doi:10.1073/pnas.0900313106.
- Kristjanson, P., Reid, R.S., Dickson, N., Clark, W.C., Romney, D., Puskur, R., MacMillan, S., and Grace, D. 2009. Linking international agricultural research knowledge with action for sustainable development. *Proceedings of the National Academy of Science USA* 106:5047-5052.
- Ogutu, J.O., Piepho, H-P., Dublin, H.T., Bholá, N., Reid, R.S. 2009. Dynamics of Serengeti-Mara ungulates in relation to land use changes. *Journal of Zoology* 278: 1-14.
- Hobbs, N.T., Galvin, K.A., Stokes, C.J., Lockett, J.M., Ash, A.J., Boone, R.B. Reid, R.S., and Thornton, P.K. 2008. Fragmentation of rangelands: Implications for humans, animals, and landscapes. *Global Environmental Change* 18:776-785.
- Reid, R.S., Tomich, T.P., Xu, J., et al. 2006. Linking Land-Change Science and Policy: Current Lessons and Future Integration. In: Lambin, E., Geist, H. (eds). *Land Use Change, LUCC, IGBP*. Springer Verlag. Pp. 157-171.
- Reid, R.S. and J.E. Ellis. 1995. Livestock-mediated tree regeneration: impacts of pastoralists on dry tropical woodlands. *Ecological Applications* 5(4):978-992.

## V. SELECTED SYNERGISTIC ACTIVITIES

- 2015 Exemplary Project Award, APLU's Kellogg Community Engagement Award
- 2014 National award, Michael Malone Award for International Leadership in Higher Education
- 2014 Co-Editor, Sustainability Transitions section, *Elementa* journal (2014-2016)
- 2013 Western Association of Graduate Schools, Award for Excellence and Innovation in Graduate Education for the Conservation Leadership Through Learning program (I am a founder).
- 2012 Sustainability Science Award, Ecological Society of America.
- 2012 Author's Imprint Award for the book, *Savannas of Our Birth*, UC Press.
- 2011 Founder, Center for Collaborative Conservation (2008), Co-founder, Colorado Conservation Exchange (2009), Co-founder, African Drylands Institute for Sustainability, Univ. of Nairobi
- 2007 Co-founder, Reto-o-Reto NGO, linking science with community action and policy
- 2004 Editor, *Pastoralism, Policy and Practice* (2010-present) journal Advisor, *Frontiers in Ecology*, (2004-present); Editor, *Ecological Applications* (2004-2007); *Nomadic Peoples* (2004-2015)
- 2004 Member, Diversitas Scientific Steering Committee and IHDP-LUCC SSC (1999-2004)
- 1997 Founder and Member, Land-use Change Impacts and Dynamics (LUCID), sponsored by the LUCC-IGBP, Kenya, a network of scientists who link science with policy