

CURRICULUM VITAE

Ranaivo A. RASOLOFOSON, PhD, MS

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EDUCATION

PhD in Environmental and Resource Economics June 2016
University of Copenhagen Denmark

PhD in Forestry August 2016
Bangor University United Kingdom

Master of Science, Sustainable Development and Conservation Biology May 2011
University of Maryland Maryland, USA

Maitrise de Recherche, Animal Biology October 2007
University of Antananarivo Antananarivo, Madagascar

EXPERIENCE

1) Postdoctoral Associate

October 2019 – Present

Department of Population Medicine and Diagnostic Sciences, Cornell University, USA

- ✓ Examining links between changes in fish catch and child development in communities around Lake Victoria, Kenya

2) Independent Consultant for Development Alternatives, Inc. (DAI) / United States Agency for International Development (USAID)

June 2019 – December 2019

- ✓ Investigating the moderating effect of forests on the effectiveness of WASH (Water, Sanitation, and Hygiene) interventions at reducing childhood diarrhea

3) Postdoctoral Research Associate

November 2016 – May 2019

Gund Institute for Environment, University of Vermont, USA and University of Eastern Finland

- ✓ Investigating relationships between environmental change, nature conservation and human health

4) PhD fellow

November 2012 – June 2016

University of Copenhagen, Denmark and Bangor University, UK

- ✓ Investigating the effectiveness of Community Forest Management and protected areas at reducing deforestation and improving local welfare in Madagascar

5) Consultant for the World Bank

June 2015

World Bank, Antananarivo, Madagascar

- ✓ Analysis of community forest management in Madagascar

6) Consultant

September 2010 – December 2010

University of Maryland, Maryland, USA / NatureServe, Virginia, USA

- ✓ Developed a method for evaluating climate change species vulnerability assessment tools
- ✓ Analyzed the effectiveness of climate change species vulnerability assessment tools

7) Research Intern

June 2010 – August 2010

Department of Environmental Science, Policy and Management, University of California Berkeley, California, USA (with Prof. Claire Kremen)

- ✓ Identified the best locations to establish control sites for the increasing illegal rosewood logging within Masoala National Park, Madagascar using GIS
- ✓ Evaluated the relative vulnerability of different species of lemurs to changes in forest cover within Makira Protected Area, Madagascar using GIS

8) Associate Project Developer

January 2010 – May 2010

University of Maryland, Maryland, USA / Maryland Department of Natural Resources

- ✓ Drafted management plan for the eastern tiger salamander

9) Research Trainee

November 2008 - December 2008

Ranomafana National Park, Ranomafana, Madagascar

- ✓ Studied and applied field techniques for investigating lemur's behavior

CAREER BREAK

- ✓ June 2016 – October 2016: parental leave
- ✓ May 2015 – September 2015: parental leave

SKILLS

- ✓ Geographical Information System (GIS)
- ✓ Statistical skills with R software use ability (including GIS)
- ✓ Languages: Fluent in Malagasy, English and French

HONORS AND AWARDS

- ✓ Luc Hoffmann Institute Fellowship, WWF International, June 2017 – December 2017
- ✓ Forest and Nature for Society, Erasmus Mundus joint doctorate program, European Commission, November 2012 - March 2016
- ✓ Fulbright, USA Department of State, August 2009 – May 2011
- ✓ Fellowship from the University of Maryland, August 2009 – May 2011

TEACHING AND MENTORING

- ✓ Teaching assistant: Research Design, Department of Food and Resource Economics, University of Copenhagen
- ✓ Mentoring: PhD Dissertation chapter on forest conservation during political unrest, Department of Natural Resources, Cornell University
- ✓ Mentoring: STAARS fellow: Payment for ecosystem services and property right, Dyson School of Applied Economics and Management, Cornell University

PUBLICATIONS

- ✓ **Rasolofoson, R.A.**, T. Ricketts, A. Jacob, K. Johnson, A. Pappinen and B. Fisher 2020. Forest conservation: a potential nutrition-sensitive intervention in low- and middle-income countries. *Frontiers in Sustainable Food Systems* 4: 20. doi: 10.3389/fsufs.2020.00020
- ✓ Travers, H., M. Selinske, A. Nuno, A. Serban, F. Mancini, T. Barychka, E. Bush, **R.A. Rasolofoson**, J.E.M. Watson, E.J. Milner-Gulland 2019. A manifesto for predictive conservation. *Biological Conservation* 237: 12 – 18.
- ✓ Fisher, B, D. Herrera, H.E. Fox, D. Gerkey, D. Gill, C. Golden, D. Hole, L. Gallagher, K. Johnson, M. Mulligan, S.S. Myers, R. Naidoo, A. Pfaff, **R.A. Rasolofoson**, E. Selig, D. Tickner, T. Treuer and T. Ricketts 2019. Nature can deliver on the Sustainable Development Goals. *Lancet Planetary Health* 3: e112 – e113.
- ✓ **Rasolofoson, R.A.**, M. Hanauer, A. Pappinen, B. Fisher and T. Ricketts 2018. Impacts of forests on children's diet in rural areas across 27 developing countries. *Science Advances* 4: eaat2853.
- ✓ **Rasolofoson, R.A.**, T. Ricketts, K. Johnson, A. Jacob and B. Fisher (*under review*). Forests moderate the effectiveness of water quality improvement efforts to reduce childhood diarrhea.
- ✓ **Rasolofoson, R.A.**, M. Hanauer, A. Pappinen, B. Fisher and T. Ricketts 2018. Effects of forests on children's diets in developing countries: a cross-sectional study. *Lancet Planetary Health* 2: S15.
- ✓ **Rasolofoson, R.A.**, M. Nielsen and J.P.G. Jones 2018. The potential of the Global Person Generated Index for evaluating the perceived impacts of conservation interventions on subjective well-being. *World Development* 105: 107 – 118.
- ✓ **Rasolofoson, R.A.**, P. Ferraro, G. Ruta, M. Rasamoelina, P. Randriankolona, H. Larsen and J.P.G. Jones 2017. Impacts of Community Forest Management on human economic well-being across Madagascar. *Conservation Letters* 10: 346 – 353.
- ✓ **Rasolofoson, R.A.** 2016. Impacts of community forest management and strictly protected areas on deforestation and human well-being in Madagascar. PhD thesis. University of Copenhagen and Bangor University.
- ✓ **Rasolofoson, R.A.**, P. Ferraro, C. Jenkins and J.P.G. Jones 2015. Effectiveness of Community Forest Management at reducing deforestation in Madagascar. *Biological Conservation* 184: 271 – 277.
- ✓ Rasamoelina, M.S., G. Ruta, **R.A. Rasolofoson**, P.L. Randriankolona, S. Aubert, B.S. Ramamonjisoa, Z. Rabemananjara, A.S. Raharijaona, G. Buttoud, J. Plananska 2015. *Analysis of community forest management (CFM) in Madagascar*. World Bank Group, Washington, D.C.
- ✓ **Rasolofoson, R.A.** 2011. Effectiveness of protected areas at protecting silky sifaka lemur. University of Maryland, College Park.