

Name: Fitsum Abadi Gebrelassie
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New Mexico State University
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EDUCATION

Feb 2007 – June 2010 Ph.D., Ecology and Evolution (Quantitative), University of Bern, Switzerland
(*Areas of concentration: Statistical modeling, wildlife demography, Bayesian inference*)
Oct 2004 – Sep 2006 M.Sc., Applied Statistics & Biostatistics, Hasselt University, Belgium
Sep 2001 – June 2003 M.Sc., Statistics, Addis Ababa University, Ethiopia
Sep 1995 – June 1999 B.Sc., Statistics, Addis Ababa University, Ethiopia

RESEARCH INTERESTS

Statistical ecology, Capture-recapture models, Integrated population models, Hierarchical models,
Bayesian inference

PROFESSIONAL/RESEARCH EXPERIENCE

Dec 2016 – Present Assistant Professor, Department of Fish, Wildlife and Conservation Ecology, New Mexico State University (NMSU), USA
Jan 2014 – Nov 2016 Lecturer, School of Statistics and Actuarial Science, University of the Witwatersrand, South Africa
Jan 2013 – Dec 2013 Postdoctoral fellow, Animal Demography Unit, University of Cape Town & South African National Biodiversity Institute (SANBI), South Africa
Jan 2012 – Dec 2012 Postdoctoral fellow, Biostatistics & Biology of Populations Group, Centre of Evolutionary & Functional Ecology (CEFE), CNRS, France
Sep 2010 – Dec 2011 Postdoctoral fellow, Animal Demography Unit, University of Cape Town & South African National Biodiversity Institute, South Africa
Sep 2003 – Aug 2004 Lecturer, Hawassa University, Ethiopia
Aug. 1999 – Aug. 2001 Statistician, Africa Insurance Company, Ethiopia

TEACHING EXPERIENCE

Dec 2016 – Present	New Mexico State University, USA - Instructor: Population Ecology, Ecological Biometry
Jan 2014 – Nov 2016	University of the Witwatersrand, South Africa - Lecturer: Biostatistics, Nonparametric statistics, Statistical research design and analysis
Feb 2007 – June 2010	University of Bern, Switzerland - Teaching/Lab assistant: Habitat selection modeling, Capture-recapture analysis using R and program MARK
Sept 2003 – Aug 2004	Hawassa University, Ethiopia - Instructor: Introduction to probability and statistics, Statistical methods, Medical statistics, Statistical computing (SPSS)
Sept 2001 – June 2003	Addis Ababa University, Ethiopia - Instructor (part-time): Introduction to probability and statistics, Statistical computing (SPSS)

PROFESSIONAL AFFILIATION/MEMBERSHIP

Ecological Society of America (May 2017 – Present)

The Wildlife Society (Sep 2017 - Present)

Honorary research associate, University of Cape Town, South Africa (April 2017 - Present)

Honorary research associate, University of the Witwatersrand, South Africa (Dec 2016 - June 2016)

PUBLICATIONS

*Note that my name appears as **Abadi, F.** in publication.*

Google Scholar: <https://scholar.google.com/citations?user=JYmAw4AAAAJ&hl=en>

SELECTED PRESENTATIONS

Invited talks

Leveraging multiple data sources with hierarchical models symposium, The Wildlife Society and American Fisheries Society 2019 Joint Annual Conference, 29 Sep - 03 Oct 2019, Reno, Nevada, USA

- Estimating Juvenile Survival of Emperor Penguins Using Bayesian Integrated Population Modeling

Department of Biology, New Mexico State University, USA

- Overview of capture-recapture models (19 October 2017)

Empowering population-level inference through study of avian life histories with integrated population models symposium, North American Ornithological Conference VI, 16-20 August 2016, Washington, D.C., USA

- An introduction to integrated population models in avian biology

Advances in design and analysis for seabird demographic studies symposium, 2nd World Seabird Conference, 26-30 October 2015, Cape Town, South Africa

- Estimation of demographic parameters of emperor penguin using integrated population modeling

Joint Meeting of the Environmental Statistics Section of the Royal Statistics Society, the Biometric society and the computational ecology group of the British ecology society, 24 September 2012, London, England

- Combining demographic and population count data to estimate immigration rate and density dependence

Conference contributions

The 2019 Joint Meeting of the Association of Field Ornithologists and the Wilson Ornithological Society, 27-30 October 2019, Cape May, New Jersey, USA

137th Annual Meeting of the American Ornithological Society, 24-28 June 2019 Anchorage, Alaska, USA

148th Annual Meeting of the American Fisheries Society, 19-23 August 2018, Atlantic City, USA

American Ornithological Society Meeting, 09-14 April 2018, Tucson, USA

The Wildlife Society's 24th Annual Conference, 23-27 September 2017, Albuquerque, USA

WORKSHOP

Bayesian Integrated Population Modeling (IPM) using JAGS (Organized and co-taught with Drs. Michael Schaub and Marc Kery (Swiss Ornithological Institute), 04-08 Nov 2019, Las Cruces, USA)