

# J. Marion Adeney

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## Education

### **PhD, Duke University, Durham, NC**

Conservation Ecology (May 2009)

Principle Advisors: Dr. Stuart L. Pimm, Dr. Norman L. Christensen

Committee Members: Dr. Dean L. Urban, Dr. Lisa M. Curran

Dissertation: Remote sensing of fire, flooding, and white sand ecosystems in the Amazon

### **MA, Columbia University, New York, NY**

Conservation Biology (2003)

Principle Advisor: Dr. Joshua Ginsberg; Field Advisor: Dr. Margaret Kinnaird

Thesis: Effects of Fire on Understory Bird Habitat Use in Sumatra

### **BCLAD, Los Angeles Unified School District Intern Program, CA**

Elementary and Bilingual/Cross-cultural Specialist Teaching Credentials (1997)

Language: Spanish; Secondary ESL Credential

### **BA, University of California, Santa Cruz, CA**

American Studies (1994), Honors in the Major, College Honors

Thesis: Effects of Academic Tracking and the AVID Program at Santa Cruz High School

## Publications

Adeney, J. M., Christensen, N. L., Pimm, S. L. 2009 Reserves Protect against Deforestation Fires in the Amazon. **PLoS ONE** 4(4)

Adeney, J. M., Ginsberg, J. R., Russell, G. J., Kinnaird M. F. 2006 Effects of an ENSO-related fire on the birds of a lowland tropical forest in Sumatra. **Animal Conservation** 9(3): 292-301

## Presentations

(\* indicates presenter)

Adeney, J. M.\*, Cohn-Haft M. (2008). Characterizing seasonal dynamics of flooded 'Amazonian campos' using MODIS. Amazon in Perspective: Integrated Science for a Sustainable Future, Manaus, AM, Brazil.

Adeney, J. M.\*, Cohn-Haft M. (2008). Modeling vegetation dynamics and bird habitat in campina patches in the Madeira-Purus interfluvium. (Poster) Amazon in Perspective: Integrated Science for a Sustainable Future, Manaus, AM, Brazil.

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Adeney, J. M.\* , Christensen, N. L., Pimm, S. L. (2008). Roads, reserves and climate determine when and where fires burn in the Amazon. (Poster) Society for Conservation Biology Annual Meeting, Chattanooga, TN, USA.

Cohn-Haft M.\* , Adeney, J. M. (2008) Amazonian campos are wetlands. 8th INTECOL International Wetlands Conference, Cuiabá MT, Brazil.

Adeney, J. M.\* (2008) Assessing seasonal flooding in Amazonian white sand ecosystems. (Poster) NASA Carbon Cycle and Ecosystems Joint Science Workshop, College Park, MD, USA.

Adeney, J. M., Ginsberg, J. R., Russell, G. J.\* , Kinnaird M. F. (2006) Effects of an ENSO-related fire on the birds of a lowland tropical forest in Sumatra. Society for Conservation Biology Annual Meeting, San Jose, CA, USA.

Adeney, J. M.\* , Pimm, S. L. (2003) Using fire incidence to evaluate the effectiveness of protected areas in the Brazilian Amazon. (Poster) Society for Conservation Biology Annual Meeting, Brasilia, DF, Brazil.

Adeney, J. M.\* , Ginsberg, J. R., Russell, G. J., Kinnaird M. F. (2002). Effects of fire on understory bird habitat use in Sumatra. Explorer's Club Student Members: Around the World in 80 Minutes, New York, NY.

## **Fellowships**

- NASA Earth Systems Science Graduate Student Fellowship (2006-2009)
- Foreign Language and Area Studies (FLAS, 2004). Summer and academic year fellowships for Portuguese study.
- University Scholar's Fellowship, and James B. Duke Fellowship, Duke University (2003)
- National Science Foundation Graduate Research Fellowship, Honorable Mention (2003)

## **Grants**

- Duke University Graduate Award for International Research (2006, \$1500)
- David Blinken Foundation (2006, \$2000)
- Tinker/ Mellon Graduate Student Research Grant (2006, \$1200)
- Tinker/ Mellon Graduate Student Research Grant (2005, \$1500)
- Explorer's Club Exploration Fund Grant (2002, \$1000)
- Idea Wild (2002, field equipment)

## **Teaching Experience**

- Teaching Assistant, Columbia University Summer Ecosystem Experience, SP, Brazil (2003, 2005), Dominican Republic (2008). Five week undergraduate field ecology course.
- Teaching Assistant, Duke University, Conservation Biology (2005).
- Teaching Assistant, Duke University, Intro to Environmental Science and Policy (2006).

## **J. Marion Adeney**

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- SAT Math Tutor and Classroom Teacher, Ivy West Educational Services, Los Angeles, CA (1999-2000).
- Elementary Substitute Teacher, Los Angeles Unified School District, Los Angeles, CA (1999-2000).
- Bilingual (Spanish) 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup> Grade Teacher, all subjects, Bridge St. Elementary School; Los Angeles Unified School District, CA (1994-1998).

## **Field Experience**

- Data collection/ ground truthing in Amazonian flooded savannas, three months, individually and in conjunction with the GEOMA project of the National Institute for Amazonian Research (INPA), AM, Brazil (2006-2007).
- Field ecology course: Ecologia da Floresta Amazônica (2004), INPA and Organization for Tropical Studies (OTS). One-month intensive field course conducted in Portuguese in the central Brazilian Amazon.
- Two months of mist netting birds in a lowland tropical rainforest in Bukit Barisan Selatan National Park, Sumatra, at a Wildlife Conservation Society research station (2002).
- Two week intensive Bird Bander Training Class at Braddock Bay Bird Observatory, Rochester NY, Instructor: Elizabeth Brooks (2002).
- Field Assistant, six months, Mkwaja Ranch, Tanzania; Project: "Effects of Cattle Ranching on a Savannah Ecosystem", Swiss Federal Institute of Technology (2000).
- Staff Member, Wildlife Waystation Wildlife Refuge, Los Angeles National Forest, CA (1998-2000).
- Volunteer, two months, Amigos de las Aves Captive Breeding and Release Program for Scarlet and Great Green Macaws, Costa Rica (1999).

## **Languages**

Fluent in Spanish and Portuguese, proficient in Bahasa Indonesia.

## **References**

Joshua Ginsberg, PhD  
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Stuart Pimm, PhD  
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