

Denis Ribeiro do Valle

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POSITIONS

- 2013 – present. **Assistant Professor**. University of Florida.
- 2006. **Consultant**. Center for International Forestry Research (CIFOR). Duties: Research on how to model multiple use forest management. Provided training on the forest dynamics model Symfor.
- 2006. **Consultant**. Project “Associações-Modelo do Alto Moju – PA”, partnership between EMBRAPA (equivalent to USDA), local associations and the rural workers labor union. Duties: Evaluated the forest potential for community forest management.
- 2003 – 2006. **Assistant researcher**. Institute of Man and Environment in Amazonia (IMAZON). Duties: Research on growth and yield modeling and long-term logged forest dynamics studies, with emphasis on sustainable forest management issues in mixed native tropical forests.

EDUCATION

- 2008 – 2013. **PhD Ecology**, Duke University
 - Advisor: James S. Clark (Ecology/Statistics)
 - Committee: Katia Koelle (Biology), Alan Gelfand (Statistics), Subhrendu Pattanayak (Public policy), William Pan (Public policy / Duke Global Health Institute)
 - Dissertation title: Modeling the effect of climate change and land cover change on malaria in the Amazon region
 - Specialization: Environment x Disease interaction, Bayesian hierarchical models
- 2011 – 2013. **MS Statistics**, Duke University
 - Advisor: James S. Clark (Ecology/Statistics)
 - Committee: Alan Gelfand (Statistics), Merlise Clyde (Statistics)
 - Dissertation title: Improving disease dynamic modeling of government surveillance data
 - Specialization: Bayesian hierarchical models
- 2006 – 2008. **MS Forest Resources and Conservation**, University of Florida
 - Advisor: Christina Staudhammer (Forestry)
 - Committee: Benjamin Bolker (Zoology), Wendell Cropper (Forestry), Jack Putz (Botany), Linda Young (Statistics)
 - Dissertation title: Multi-model projections to assess uncertainty from simulation models
 - Specialization: Simulation of forest dynamics, Uncertainty assessment

- Minor: Statistics
- 1998 – 2003. (equivalent to) **BS Forestry**, University of Sao Paulo (Brasil).

AWARDS AND GRANTS

- 2013. Dean's Annual Award for the Outstanding Graduate Student Manuscript, awarded for the article “Conservation Efforts May Increase Malaria Burden in the Brazilian Amazon”
 - Source: Nicholas School for the Environment, Duke University
 - Amount: \$ 3,000
 - Description: Annual award for the best manuscript in which a student enrolled in the Nicholas School for the Environment was first author
- 2009. “*Modeling the effect of climate change and land cover change on malaria risk in the Brazilian Amazon*”
 - Source: Duke Global Health Institute and the Center for Comparative Biology of Vulnerable Populations Pilot Projects Program
 - Amount: \$ 41,450

SCHOLARSHIPS, FELLOWSHIPS, ASSISTANTSHIPS

- 2011. Katherine Goodman Stern Fellowship
 - Source: Duke University
 - Amount: \$ 27,670 (tuition + assistantship)
 - Description: Highly competitive fellowship campus wide for final year of dissertation research.

AD HOC JOURNAL REVIEWER

Journal of Applied Ecology, Forest Ecology and Management, Journal of the Royal Statistical Society, Methods in Ecology and Evolution, PLOS One, PLOS Neglected Tropical Diseases, Ecology

LANGUAGE SKILLS

- English: fluent.
- Spanish: fluent.
- Portuguese: native speaker