

---

## Clinton N. Jenkins

---

Dept. of Earth & Environment  
Florida International University  
11200 SW 8th Street, AHC5-376, Miami, FL 33199  
(786) 804-2266 | [Clinton.Jenkins@fiu.edu](mailto:Clinton.Jenkins@fiu.edu) | [Google Scholar](#)

---

### EDUCATION

---

**Ph.D. Ecology & Evolutionary Biology.** 2002. University of Tennessee, Knoxville, TN, USA  
**Dissertation:** *Using remote sensing and geographic information systems to define conservation priorities.* Advisor: Stuart L. Pimm

**B.S. Biology.** 1997. East Tennessee State University, Johnson City, TN, USA  
Graduated summa cum laude

**Languages** – English (native), Portuguese (fluent)

---

### EMPLOYMENT

---

2020 - Current	<b>Associate Professor</b> , Dept. of Earth and Environment & Kimberly Green Latin American and Caribbean Center, Florida International University
2013 - 2020	<b>Professor</b> , IPÊ – Instituto de Pesquisas Ecológicas, Brazil
2011 - 2020	<b>Visiting Scientist &amp; Instructor</b> , Duke University
2011 - 2013	<b>Principal Research Scholar</b> , North Carolina State University
2009 - 2011	<b>Assistant Research Scientist</b> , University of Maryland
2010 - 2011	<b>Adjunct Research Associate</b> , Duke University
2005 - 2010	<b>Research Associate</b> , Duke University
2003 - 2004	<b>Postdoctoral Research Associate</b> , Michigan State University
8/02 - 12/02	Teaching Assistant, Dept. of Ecology, University of Tennessee
5/99 - 7/02	National Science Foundation Graduate Research Fellow
8/98 - 5/99	Teaching Assistant, Dept. of Ecology, University of Tennessee (General Biology, Field Ornithology)
5/98 - 8/98	Field Assistant and Satellite Image Analyst, Cape Sable Seaside Sparrow Project, Everglades National Park
10/97 - 5/98	Biological Sciences Lab Instructor, East Tennessee State University (population biology, evolution, phylogenetics, computer simulation)
summer 1997	Intern, Tennessee Valley Authority
summer 1996	Technician, Kissimmee River Restoration Project, Archbold Biological Station, Lake Placid, FL

---

### PUBLICATIONS ([Google Scholar](#), 10672 citations, h-index 38, as of 9 June 2021)

---

(Book) Anthony Anderson & **Clinton N. Jenkins**. 2006. *Applying Nature's Design: Corridors as a Strategy for Biodiversity Conservation*. New York: Columbia University Press.

75. Grelle, EV, ... **CN Jenkins**, ...et al. (2021) Conservation Initiatives in the Brazilian Atlantic Forest. Chapter in *The Atlantic Forest: History, Biodiversity, Threats and Opportunities of the Mega-diverse Forest* (pp. 421-449). Edited by MCM Marques and CEV Grelle. Springer.
74. Figueiredo, MSL, ... **CN Jenkins**, ...et al. (2021) Tetrapod Diversity in the Atlantic Forest: Maps and Gaps. Chapter in *The Atlantic Forest: History, Biodiversity, Threats and Opportunities of the Mega-diverse Forest* (pp. 185-204). Edited by MCM Marques and CEV Grelle. Springer.
73. Raven, PH, RE Gereau, PB Phillipson, C Chatelain, **CN Jenkins**, and CU Ulloa (2020) The Distribution of Biodiversity Richness in the Tropics. *Science Advances* 6(37), eabc6228.
72. Nagy-Reis, MW, ... **CN Jenkins** ... et al. (2020) NEOTROPICAL CARNIVORES: a data set on carnivore distribution in the Neotropics. *Ecology* 101(11) e03128, doi:10.1002/ecy.3128
71. Gagné, TO, G Reygondeau, **CN Jenkins**, JO Sexton, SJ Bograd, EL Hazen, and KSV Houtan. (2020). Towards a global understanding of the drivers of marine and terrestrial biodiversity. *PLoS ONE* 15(2), e0228065.
70. Houtan, KSV, T Gagne, **CN Jenkins**, and L Joppa. (2020). Sentiment analysis of conservation studies captures successes of species reintroductions. *Patterns*, 100005
69. Anderson, EP, T Osborne, JA Maldonado-Ocampo, M Mills-Novoa, L Castello, M Montoya, AC Encalada, **CN Jenkins**. (2019). Energy development reveals blind spots for Amazon ecosystem conservation. *Frontiers in Ecology and the Environment* 17(9):521-529, <https://doi.org/10.1002/fee.2114>
68. Brooks, TM, SL Pimm, HR Akçakaya, GM Buchanan, SHM Butchart, W Foden, C Hilton-Taylor, M Hoffmann, **CN Jenkins**, L Joppa, BV Li, V Menon, N Ocampo-Peñuela, C Rondinini. (2019). Measuring terrestrial Area of Habitat (AOH) and its utility for the IUCN Red List. *Trends in Ecology and Evolution* 34(11):977-986. <https://doi.org/10.1016/j.tree.2019.06.009>
67. Tardin, RH, Y. Chun, **CN Jenkins**, IS Maciel, SM Simão, MAS Alves. (2019). Environment and anthropogenic activities influence cetacean habitat use in Southeastern Brazil. *Marine Ecology Progress Series* 616:197-210.
66. Pimm, SL and **CN Jenkins**. (2019). Connecting Habitats to Prevent Species Extinctions. *American Scientist* 107:162-169.
65. Santos, PM, A Bocchiglieri, AG Chiarello, AP Paglia, A Moreira, AC de Souza, AM Abba, A Paviolo, A Gatica, AZ Medeiro, ... **CN Jenkins**, et al. (2019). NEOTROPICAL XENARTHTRANS: a data set of occurrence of xenarthran species in the Neotropics. *Ecology*: e02663. 10.1002/ecy.2663
64. Chiaravalloti, RM, M Benchimol, YS Reis, **CN Jenkins**, P Lemos, F Prado, CV Padua, S Tenório, C Tófoli, JN Spinola & R Maduro. (2018). Monitoramento participativo de caça de subsistência: diretrizes, dificuldades e possibilidades com base no caso da Reserva Extrativista Tapajós-Arapiuns/PA. *Biodiversidade Brasileira* 8(2): 203-218.

63. Vijay, V, Reid, CD, Finer, M, **Jenkins, CN**, & Pimm, SL (2018). Deforestation risks posed by oil palm expansion in the Peruvian Amazon. *Environmental Research Letters*, 13(11), 114010.
62. Pimm, SL, **Jenkins, CN**, & Li, BV. (2018). How to protect half of Earth to ensure it protects sufficient biodiversity. *Science advances*, 4(8), eaat2616.
61. Arnan, X, Andersen, AN, Gibb, H, Parr, CL, Sanders, NJ, Dunn, RR, **Jenkins, CN**, ... & Castracani, C. (2018). Dominance-diversity relationships in ant communities differ with invasion. *Global change biology*, 24(10), 4614-4625.
60. Hasui, É, Metzger, JP, Pimentel, RG, Silveira, LF, Bovo, AADA, Martensen, AC, Uezu, A, Regolin, AL, Bispo de Oliveira, AÂ, Gatto, CA, **Jenkins, CN**, and Duca, C. (2018). ATLANTIC BIRDS: a data set of bird species from the Brazilian Atlantic Forest. *Ecology*, 99(2), pp. 497-497.
59. Anderson, EP, **Jenkins, CN**, Heilpern, S, Maldonado-Ocampo, JA, Carvajal-Vallejos, FM, Encalada, AC, Rivadeneira, JF, Hidalgo, M, Cañas, CM, Ortega, H and Salcedo, N, (2018). Fragmentation of Andes-to-Amazon connectivity by hydropower dams. *Science Advances*, 4(1), eaao1642. DOI: 10.1126/sciadv.aao1642
58. Lima, F, Beca, G, Muylaert, RL, **Jenkins, CN**, Perilli, ML, Paschoal, AMO, Massara, RL, Paglia, AP, Chiarello, AG, Graipel, ME and Cherem, JJ. 2017. ATLANTIC-CAMTRAPS: a dataset of medium and large terrestrial mammal communities in the Atlantic Forest of South America. *Ecology*, 98(11), pp.2979-2979.
57. Newmark, WD, **Jenkins, CN**, Pimm, SL, McNeally, PB, & Halley, JM. (2017). Targeted habitat restoration can reduce extinction rates in fragmented forests. *Proceedings of the National Academy of Sciences*, 201705834.
56. Belote, RT, Dietz, MS, McKinley, PS, Carlson, AA, Carroll, C, **Jenkins, CN**, ... & Aplet, GH. (2017). Mapping Conservation Strategies under a Changing Climate. *BioScience*, 67(6), 494-497.
55. Pimm, SL, Harris, G, **Jenkins, CN**, Ocampo-Peñuela, N, & Li, BV. (2017). Unfulfilled promise of data-driven approaches: response to Peterson et al. *Conservation Biology* 31(4):944-947.
54. de Camargo Barbosa, KV, Knogge, C, Develey, PF, **Jenkins, CN**, & Uezu, A. (2017). Use of small Atlantic Forest fragments by birds in Southeast Brazil. *Perspectives in Ecology and Conservation*, 15(1), 42-46.
53. **Jenkins, CN**, & Van Houtan, KS. (2017). Mathematical efficiency does not necessarily mean better. *Biological Conservation* 210:351.
52. Belote, RT, Dietz, MS, **Jenkins, CN**, McKinley, PS, Irwin, GH, Fullman, TJ, ... & Aplet, GH. (2017). Wild, connected, and diverse: Building a more resilient system of protected areas. *Ecological Applications* 27(4):1050-1056.
51. Gibb, H, Dunn, RR, Sanders, NJ, Grossman, BF, Photakis, M, Abril, S, ... & Arnan, X. (2017). A global database of ant species abundances. *Ecology*, 98(3), 883-884.

50. **Jenkins, CN**, & Van Houtan, KS. (2016). Global and regional priorities for marine biodiversity protection. *Biological Conservation*, 204, 333-339.
49. Ocampo-Peñuela, N, **Jenkins, CN**, Vijay, V, Li, BV, & Pimm, SL. (2016). Incorporating explicit geospatial data shows more species at risk of extinction than the current Red List. *Science Advances*, 2(11), e1601367.
48. Li, BV, Hughes, AC, **Jenkins, CN**, Ocampo-Peñuela, N, & Pimm, SL. (2016). Remotely sensed data informs Red List evaluations and conservation priorities in Southeast Asia. *PloS one*, 11(8), e0160566.
47. Vijay, V, Pimm, SL, **Jenkins, CN**, & Smith, SJ. (2016). The impacts of oil palm on recent deforestation and biodiversity loss. *PloS one*, 11(7), e0159668.
46. **Jenkins CN**, Alves MAS, Uezu A, Vale MM (2015) Patterns of Vertebrate Diversity and Protection in Brazil. PLoS ONE 10(12): e0145064. doi:10.1371/journal.pone.0145064
45. **Jenkins, CN**, KS Van Houtan, SL Pimm, JO Sexton (2015) US protected lands mismatch biodiversity priorities. *Proceedings of the National Academy of Sciences of the United States of America* 112(16):5081–5086. doi: [10.1073/pnas.1418034112](https://doi.org/10.1073/pnas.1418034112)
44. **Jenkins, CN**, KS Van Houtan, SL Pimm, JO Sexton (2015) Reply to Brown et al.: Species and places are the priorities for conservation, not economic efficiency. *Proceedings of the National Academy of Sciences of the United States of America*. doi: [10.1073/pnas.1511375112](https://doi.org/10.1073/pnas.1511375112).
43. NM Haddad, LA Brudvig, J Clobert, KF Davies, A Gonzalez, RD Holt, TE Lovejoy, JO Sexton, MP Austin, CD Collins, WM Cook, EI Damschen, RM Ewers, BL Foster, **CN Jenkins**, AJ King, WF Laurance, DJ Levey, CR Margules, BA Melbourne, AO Nicholls, JL Orrock, D-X Song, JR Townshend (2015) Habitat fragmentation and its lasting impact on Earth's ecosystems. *Science Advances* 1, e1500052. doi:[10.1126/sciadv.1500052](https://doi.org/10.1126/sciadv.1500052)
42. Rasolofoson, RA, PJ Ferraro, **CN Jenkins**, JPG Jones (2015) Effectiveness of Community Forest Management at reducing deforestation in Madagascar. *Biological Conservation* 184:271–277. doi:[10.1016/j.biocon.2015.01.027](https://doi.org/10.1016/j.biocon.2015.01.027)
41. Pimm, SL, **CN Jenkins**, R Abell, TM Brooks, JL Gittleman, L Joppa, PH Raven, CM Roberts, JO Sexton (2014) The biodiversity of species and their rates of extinction, distribution, and protection. *Science* 344:6187 doi/[10.1126/science.1246752](https://doi.org/10.1126/science.1246752)
40. Sloan, S, **CN Jenkins**, LN Joppa, DLA Gaveau, WF Laurance (2014) Remaining natural Vegetation in the Global Biodiversity Hotspots. *Biological Conservation* 177:12-24. doi: [10.1016/j.biocon.2014.05.027](https://doi.org/10.1016/j.biocon.2014.05.027)
39. Finer, M, **CN Jenkins**, MAB Sky, J Pine (2014) Logging Concessions Enable Illegal Logging Crisis in the Peruvian Amazon. *Scientific Reports* 4:4719. doi:[10.1038/srep04719](https://doi.org/10.1038/srep04719)
38. Diamond, SE, H Cayton, T Wepprich, **CN Jenkins**, RR Dunn, NM Haddad, & L Ries (2014) Unexpected phenological responses of butterflies to the interaction of urbanization and geographic temperature. *Ecology* 95(9):2613-2621. doi:[10.1890/13-1848.1](https://doi.org/10.1890/13-1848.1)

37. Joppa, L, P Visconti, **CN Jenkins**, SL Pimm (2013) Achieving the Convention on Biological Diversity's Goals for Plant Conservation. *Science* 341(6150): 1100-1103.  
[doi:10.1126/science.1241706](https://doi.org/10.1126/science.1241706)
36. **Jenkins, CN**, SL Pimm, LN Joppa (2013) Global Patterns of Terrestrial Vertebrate Diversity and Conservation. *PNAS* 110(28): E2602-E2610. [doi:10.1073/pnas.1302251110](https://doi.org/10.1073/pnas.1302251110)
35. **Jenkins, CN**, B Guénard, SE Diamond, MD Weiser, RR Dunn (2013) Conservation implications of divergent global patterns of ant and vertebrate diversity. *Diversity and Distributions* 19(8): 1084-1092 [doi:10.1111/ddi.12090](https://doi.org/10.1111/ddi.12090)
34. Finer, M, **CN Jenkins**, B Powers (2013) Potential of Best Practice to Reduce Impacts from Oil and Gas Projects in the Amazon. *PLoS ONE* 8(5): e63022.  
[doi:10.1371/journal.pone.0063022](https://doi.org/10.1371/journal.pone.0063022)
33. Finer, M, MB Sky, **C Jenkins** (2012) Sector Forestal en Loreto, Perú: Estado Actual e Implicancias Ecológicas y Sociales. Chapter in *Revista Latinoamericana de Derecho y Políticas Ambientales* 2. Edited by J.F.R. Cabrera, S.A. Bustamante, E.G. Cerrón.
32. Finer M & **CN Jenkins** (2012) Proliferation of Hydroelectric Dams in the Andean Amazon and Implications for Andes-Amazon Connectivity. *PLoS ONE* 7(4): e35126.  
[doi:10.1371/journal.pone.0035126](https://doi.org/10.1371/journal.pone.0035126)
31. Vale, MM & **CN Jenkins** (2012) Across-taxa incongruence in patterns of collecting bias. *Journal of Biogeography* 39: 1744-1748. [doi:10.1111/j.1365-2699.2012.02750.x](https://doi.org/10.1111/j.1365-2699.2012.02750.x)
30. Ogrzewalska, M, A Uezu, **CN Jenkins**, MB Labruna (2012) Effect of Forest Fragmentation on Tick Infestations of Birds and Tick Infection Rates by *Rickettsia* in the Atlantic Forest of Brazil. *EcoHealth* 8: 320-331. [doi:10.1007/s10393-011-0726-6](https://doi.org/10.1007/s10393-011-0726-6)
29. **Jenkins, CN**, SL Pimm, MAS. Alves (2011) How Conservation GIS Leads to Rio de Janeiro, Brazil. *Natureza & Conservação* 9: 152-159. [doi:10.4322/natcon.2011.021](https://doi.org/10.4322/natcon.2011.021)
28. **Jenkins, CN**, et al. (20 authors) (2011) Global diversity in light of climate change: the case of ants. *Diversity and Distributions* 17: 652–662. [doi:10.1111/j.1472-4642.2011.00770.x](https://doi.org/10.1111/j.1472-4642.2011.00770.x)
27. Pitman, NCA, J Widmer, **CN Jenkins**, G Stocks, L Seales, F Paniagua, EM Bruna (2011) Volume and Geographical Distribution of Ecological Research in the Andes and the Amazon, 1995-2008. *Tropical Conservation Science* 4: 64-81.
26. Pitman, N, M Finer, **C Jenkins** & C Vriesendorp (2011) ¿Por qué una nueva área protegida en la Amazonía peruana? / Why a new protected area in Amazonian Peru? Pages 48-50, 176-177 in Pitman, N, C Vriesendorp, DK Moskovits, R von May, D Alvira, T Wachter, DF Stotz & A del Campo (eds.), Perú: Yaguas-Cotuhé. Rapid Biological and Social Inventories Report 23. The Field Museum, Chicago.
25. **Jenkins, CN**, MAS Alves, SL Pimm (2010) Avian conservation priorities in a top-ranked biodiversity hotspot. *Biological Conservation* 143: 992-998.  
[doi:10.1016/j.biocon.2010.01.014](https://doi.org/10.1016/j.biocon.2010.01.014)
24. **Jenkins, CN** & L Joppa (2010) Considering protected area category in conservation analyses. *Biological Conservation* 143:7-8. [doi:10.1016/j.biocon.2009.09.019](https://doi.org/10.1016/j.biocon.2009.09.019)

23. Pimm, SL, **CN Jenkins**, LN Joppa, DL Roberts, GJ Russell (2010) How many endangered species remain to be discovered in Brazil? *Natureza & Conservação* 8: 71-77. [doi:10.4322/natcon.00801011](https://doi.org/10.4322/natcon.00801011)
22. Pimm, SL & **CN Jenkins** (2010) Extinctions and the practice of preventing them. Chapter in *Conservation Biology for All*. Edited by N.S. Sodhi and P.R. Ehrlich, Oxford University Press. Free PDF: <http://s3.amazonaws.com/mongabay/conservation-biology-for-all/Conservation-Biology-for-All.pdf>
21. Bass, M, M Finer, **CN Jenkins**, H Kreft, DF Cisneros-Heredia, SF McCracken, NCA Pitman, PH English, K Swing, G Villa (2010) Global Conservation Significance of Ecuador's Yasuní National Park. *PLoS ONE* 5(1): e8767. [doi:10.1371/journal.pone.0008767](https://doi.org/10.1371/journal.pone.0008767)
20. Finer, M, R Moncel, **CN Jenkins** (2010) Leaving the Oil Under the Amazon: Ecuador's Yasuní-ITT Initiative. *Biotropica* 42:63-66. [doi: 10.1111/j.1744-7429.2009.00587.x](https://doi.org/10.1111/j.1744-7429.2009.00587.x)
19. Finer, M, V Vijay, F Ponce, **CN Jenkins**, TR Kahn (2010) La Reserva de la Biósfera Yasuní de Ecuador: una breve historia moderna y los retos de la conservación. Chapter in *ITT-Yasuní: Entre el petróleo y la vida*. Edited by E. Martínez and A. Acosta, Quito, Ediciones Abya-Yala.
18. **Jenkins, CN** & L Joppa (2009) Expansion of the global terrestrial protected area system. *Biological Conservation* 142:2166-2174. [doi:10.1016/j.biocon.2009.04.016](https://doi.org/10.1016/j.biocon.2009.04.016)
17. Finer, M, V Vijay, F Ponce, **CN Jenkins**, TR Kahn (2009) Ecuador's Yasuní Biosphere Reserve: a brief modern history and conservation challenges. *Environmental Research Letters* 4: 034005. [doi: 10.1088/1748-9326/4/3/034005](https://doi.org/10.1088/1748-9326/4/3/034005)
16. Alves, MAS, **CN Jenkins**, SL Pimm, A Storni, MA Raposo, MdeL Brooke, G Harris, A Foster (2009) Birds, Montane forest, State of Rio de Janeiro, Southeastern Brazil. [Check List 5\(2\):289-299](https://doi.org/10.1016/j.checklist.2009.04.016).
15. Alves, MAS, **CN Jenkins**, EP Caramaschi, FR Scarano, FJG de Oliveira, IR Zalmon, RF Monteiro, AF Camargo, SL Pimm (2009) Região de Petróleo e Gás Natural. Chapter in *Estratégias e ações para a conservação da biodiversidade no Estado do Rio de Janeiro*, Instituto Biomas, Rio de Janeiro.
14. Alves, MAS, MB Vecchi, P Cordeiro, **CN Jenkins**, MA Raposo, FG Chaves, PA Santos (2009) Aves nos remanescentes florestais de Mata Atlântica e ecossistemas associados no Estado do Rio de Janeiro. Chapter in *Estratégias e ações para a conservação da biodiversidade no Estado do Rio de Janeiro*, Instituto Biomas, Rio de Janeiro.
13. **Jenkins, CN** & C Giri (2008) Protection of Mammal Diversity in Central America. *Conservation Biology* 22(4):1037-1044.
12. Finer, M, **CN Jenkins**, SL Pimm, B Keane, C Ross (2008) Oil and Gas Projects in the Western Amazon: Threats to Wilderness, Biodiversity, and Indigenous Peoples. [PLoS ONE 3\(8\): e2932 doi:10.1371/journal.pone.0002932](https://doi.org/10.1371/journal.pone.0002932)
11. Alves, MAS, SL Pimm, A Storni, M Raposo, MdeL Brooke, G Harris, A Foster, **CN Jenkins** (2008) Mapping and exploring the distribution of the Vulnerable grey-winged cotinga *Tijuca condita*. *Oryx* 42(4):562-566.

10. **Jenkins, CN** & SL Pimm (2006) Definindo Prioridades de Conservação em um Hotspot de Biodiversidade Global (Defining conservation priorities in a global biodiversity hotspot). Chapter in *Biologia da Conservação: Essências*. RiMa Editora, São Carlos, SP. Rocha, CFD, HG Bergallo, M Van Sluys & MAS Alves (Orgs.).
9. Rocha, CFD, HG Bergallo, MAS Alves, M Van Sluys, **C Jenkins** (2006) Corredores Ecológicas e Conservação da Biodiversidade: Um Estudo de Caso na Mata Atlântica (Ecological corridors and conservation of biodiversity: A case study in the Atlantic Forest). Chapter in *Biologia da Conservação: Essências*. RiMa Editora, São Carlos, SP. Rocha, CFD, HG Bergallo, M Van Sluys & MAS Alves (Orgs.).
8. Harris, GM, **CN Jenkins**, SL Pimm (2005) Refining biodiversity conservation priorities. *Conservation Biology* 19:1957-1968.
7. Pimm, SL & **CN Jenkins** (2005) Sustaining the Variety of Life. *Scientific American* 293 (3): 66-73. (translated into 5 languages)
6. Giri, C & **C Jenkins** (2005) Land cover mapping of Greater Mesoamerica using MODIS data. *Canadian Journal of Remote Sensing* 31:274-282.
5. **Jenkins, CN** & SL Pimm (2003) How big is the global weed patch? *Annals of the Missouri Botanical Garden* 90: 172-178.
4. **Jenkins, CN**, RD Powell, OL Bass Jr., SL Pimm (2003) Demonstrating the destruction of the habitat of the Cape Sable Seaside Sparrow. *Animal Conservation* 6:29-38.
3. **Jenkins, CN**, RD Powell, OL Bass Jr., SL Pimm (2003) Why sparrow distributions do not match model predictions. *Animal Conservation* 6:39-46.
2. **Jenkins, CN** (2003) Importância dos remanescentes de Mata Atlântica e dos corredores ecológicos para a preservação e recuperação da avifauna do estado do Rio de Janeiro. Chapter in *Índice de Qualidade dos Municípios – Verde II*. Fundação CIDE, 2003, Rio de Janeiro, Brazil.
1. Anderson, AB, PH May, **CN Jenkins** (2003) Cordão de Mata: Planejamento e implantação de um corredor biológico na Mata Atlântica do Rio de Janeiro. Chapter in *Índice de Qualidade dos Municípios – Verde II*. Fundação CIDE, 2003, Rio de Janeiro, Brazil.

#### Book reviews and Essays

1. Vijay, V, Pimm, SL, **Jenkins, CN**, Smith, SJ, & Conlisk, E. (2016). Palm oil is everywhere— but where did it come from? *Environmental Science Journal for Teens*. Dec 2016.
2. **Jenkins, C** (2007) Corridor Ecology: The Science and Practice of Linking Landscapes for Biodiversity Conservation. *Environmental Conservation* 34:173-174.
3. **Jenkins, C** (2007) Using what little we know. Essay in *Environment: The Science Behind the Stories* (3<sup>rd</sup> ed). San Francisco: Pearson Benjamin Cummings.

#### Technical reports

1. **Jenkins, CN** et al. (2019) Áreas Prioritárias para a Conservação, Uso Sustentável e Repartição de Benefícios da Biodiversidade da Mata Atlântica. Ministério do Meio Ambiente, Brasil.

2. Uezu A, Sarcinelli O, Chiodi R, **Jenkins CN**, Martins CS. (2017) Atlas dos Serviços Ambientais do Sistema Cantareira. Instituto de Pesquisas Ecológicas, Nazaré Paulista.
3. Finer, M, **C Jenkins**, B Powers (2013) Minimizando los Daños: La potencial de las buenas prácticas en el sector hidrocarburos en la Amazonía.
4. Pitman, N, GG Urrutia, **C Jenkins** (2013) Biodiversidad y valores de conservación de la Región de Loreto, Perú: El uso de los datos de plantas y vertebrados terrestres en la toma de decisiones estratégicas. Gobierno Regional de Loreto, Peru.
5. Slater, GL, RL Boulton, **CN Jenkins**, JL Lockwood, SL Pimm (2008) Emergency Management Action Plan for the endangered Cape Sable Seaside Sparrow (*Ammodramus maritimus mirabilis*). U.S. Fish and Wildlife Service, South Florida Ecological Services Office, Vero Beach, FL.
6. Finer, M, **CN Jenkins**, B Keane, SL Pimm (2008) Future of the Western Amazon: Threats from Hydrocarbon Projects and Policy Solutions. Produced by Save America’s Forests.
7. Pimm, SL, **CN Jenkins**, S Bass (2007) Cape Sable Seaside Sparrow Annual Report 2007. Everglades National Park, Homestead, FL.
8. Pimm, S, **C Jenkins**, S Bass (2007) Annual Report on the Cape Sable Seaside Sparrow. Everglades National Park, Homestead, FL.
9. **Jenkins, CN** & SL Pimm (2006) Assessment of Federally Protected Species Impacted by Hurricane Katrina. Innovative Emergency Management, Inc.
10. Pimm, S *et al.* (2006) Cape Sable seaside sparrow report for 2005. Everglades National Park, Homestead, FL.
11. Pimm, SL, **C Jenkins**, S Bass (2005) Cape Sable seaside sparrow report for 2004. Everglades National Park, Homestead, FL.
12. Pimm, SL, JL Lockwood, **C Jenkins**, JL Curnutt, MP Nott, R Powell, OL Bass Jr. (2002) *A sparrow in the grass. A report on the first ten years of research on the Cape Sable Seaside Sparrow*. National Park Service, Everglades National Park, Homestead, Florida, 182pp.
13. **Jenkins, C** & SL Pimm (1999) Cape Sable Seaside Sparrow Translocation Protocol. U.S. Fish and Wildlife Service.

## GRANTS & AWARDS

---

- |        |   |
|--------|---|
| 2020 - | <b>Science for Nature and People Partnership (SNAPP)</b> , Riverscape Connectivity, \$185,760 ( <i>in review</i> )                      |
| 2020 - | <b>Earth Leadership Program</b> , 2 years of leadership and communication training ( <i>in review</i> )                                 |
| 2020 - | <b>GIZ / TerraMar</b> , Oficina e Seminários de implementação das Áreas Prioritárias para a Biodiversidade – \$R98,000                  |
| 2019 - | <b>BiodivERsA</b> , SoS: Socio-ecological System resilience in times of global environmental changes – ~€1 million ( <i>in review</i> ) |



- 2019 - **FAPESP**, Resiliência em paisagens multifuncionais em face às Mudanças Climáticas – ~\$22,000 (Co-I)
- 2018-2020 **CNPq – Conselho Nacional de Desenvolvimento Científico e Tecnológico**, Água, energia e alimento: aplicação da abordagem nexus para contribuir com a gestão dos recursos naturais na área de contribuição do sistema produtor de água Cantareira. – R\$398,600 / ~\$100,000 (Co-I)
- 2018-2019 **Caterpillar Foundation**, Semeando Água – \$120,000 (Co-I)
- 2017-2019 **Brazilian Fund for Biodiversity FUNBIO**, Priority Areas for Biodiversity Conservation in the Atlantic Forest – \$200,000 (coordinator)
- 2014-2017 **Duke Energy Brazil**, *Desenvolvimento de Tecnologias para Valoração de Serviços Ecosistêmicos e do Capital Natural em Programas de Meio Ambiente* – \$1 million (Co-I)
- 2013-2016 **Ciência Sem Fronteiras / CAPES**, *Ecosystem Service Production and Priorities for Restoration in the Cantareira System* (3-year fellowship) – \$100,000 (200,000 reais)
- 2013 **Biofílica / Instituto de Pesquisas Ecológicas**, *Estudo para a determinação da linha de base e dinâmica de desmatamento do projeto REDD+ RESEX Rio Preto-Jacundá* – \$17,250 (33,800 reais)
- 2012 **Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq)**, *Rede BioM.A.: Uma rede integrada de pesquisa sobre biodiversidade, uso do solo e mudanças climáticas na Mata Atlântica* – ~\$1 million (1.8 million reais, collaborator)
- 2011 **Blue Moon Fund**, *Western Amazon Threat Assessment and Modeling Pilot* – \$40,000 (Co-I)
- 2011-2012 **Gordon and Betty Moore Foundation**, *Building a strategic impact assessment information baseline and policy framework for Loreto, Peru* – \$1.5 million (Co-I)
- 2009-2012 **National Aeronautics & Space Administration**, *Predicting Global Patterns of Ant Diversity and Endemism Using Fine-Grained Remote Sensing Data* – \$544,000 (Co-I)
- 2008 **U.S. National Park Service**, *Cape Sable Seaside Sparrow Project* – \$123,000 (Co-I)  
 Ecotudies Institute, *Emergency Management Action Plan for the Cape Sable Seaside Sparrow* – \$4,800 (Co-I)
- 2007 **U.S. National Park Service**, *Cape Sable Seaside Sparrow Project* – \$115,000 (Co-I)
- 2006 **U.S. Fish & Wildlife Service**, *Cape Sable Seaside Sparrow Modelling Project* – \$250,000 (Co-I)  
**Innovative Emergency Management**, *Hurricane Katrina Consequence Analysis and Projection: Environmental Impact* – \$25,000 (Co-I)  
**U.S. Geological Survey**, *Biodiversity Characteristics and Dynamics of North America Using MODIS 500m Data* – \$20,000 (Co-I), year 2
- 2004 **U.S. Geological Survey**, *Biodiversity Characteristics and Dynamics of North America Using MODIS 500m Data*, – \$20,000 (Co-I), year 1

- 2003 **National Geographic Society**, *In Search of the Grey-winged Cotinga* – \$20,000  
(Collaboration with State University of Rio de Janeiro)
- 2001 **University of Tennessee** (Ecology and Evolutionary Biology Research Award) – \$1500
- 2000 **University of Tennessee** (Ecology and Evolutionary Biology Research Award) – \$1500  
**National Academy of Sciences** (travel grant) – \$700
- 1999 **National Science Foundation** (Graduate Research Fellowship) – \$80,000 (3 years),  
funded doctoral research  
**University of Tennessee** (SARIF Graduate Research Assistantship) – \$3000  
**University of Tennessee** (Ecology and Evolutionary Biology Research Award) – \$1500  
**American Philosophical Society** – \$5000 (Co-I)
- 1998 **U.S. Fish & Wildlife Service** (translocation protocol) – \$6,000 (Co-I)

## RESEARCH PROGRAMS

---

### **Conservation Planning for the Brazilian Atlantic Forest**

- Identification of priority biodiversity conservation areas in the Atlantic Forest (Portaria MMA Nº 463/2018)
- Assessment of biodiversity patterns and conservation priorities in Rio de Janeiro state
- Species distribution modeling

### **Global Patterns of Biodiversity**

- Analysis of geographic patterns of terrestrial and marine biodiversity, centers of threat, and priority areas for protection
- Development of global diversity maps for major taxa
- Evaluating the potential consequences of climate change on biodiversity
- Applying remote sensing data to improve terrestrial and marine biodiversity models

### **Conservation Threats in the Amazon**

- Analysis of impact of proposed hydroelectric dams, oil palm, roads, etc.
- Multi-sectoral modelling of the drivers of tropical deforestation
- Modeling the effects of environmental policies in reducing deforestation
- Evaluation of Ecuador's innovative Yasuní-ITT Initiative

### **Assessment of Protected Areas**

- Quantifying the extent and geographic patterns of the global protected area system
- Identification of priority areas in need of new protected areas
- Evaluating effectiveness of protection
- Quantifying benefits of corridor restoration for connectivity and species extinction risk

### **Cantareira Water Supply System, São Paulo, Brazil**

- Modeling of ecosystem service production
- Spatial planning of restoration and management interventions

### **Cape Sable Seaside Sparrow – Everglades National Park** (concluded)

- Habitat modeling of the endangered Cape Sable Seaside Sparrow
- Evaluating effects of water management and fire scenarios on habitat
- Development of an Emergency Management Plan and Translocation Protocol

**Mammal Conservation in Central America** (concluded)

- Distribution modeling for 250 endemic mammals
- Development of a MODIS-based land cover map for Central America
- Analyzing biodiversity and protected area patterns to define priority conservation sites

**Biological Corridors in the Brazilian Atlantic Forest** (concluded)

- Design of a conservation corridor in Rio de Janeiro state
- Collaborative project with local NGOs, universities, and state agencies

**Target Areas for Invasive Species** (concluded)

- Global analysis of likely target areas for invasive species
- Mapping of disturbance using maps of current and estimated original land cover
- Analysis of which land cover types humans tend to modify

**Nesting Box Use by American Kestrels in East Tennessee** (undergraduate, 1996-1998)

- Leader of three-person team for two four-month field seasons
- Placement of nesting boxes on road signs along 40 miles of Interstate 181
- Monitoring and maintenance of nest boxes during breeding season
  - included in documentary, *Tennessee Heartlands (1998)*
  - 2 interviews resulting in articles in *The Johnson City Press*

**TEACHING**

---

2021	<b>Environmental GIS</b> , graduate level, Florida International University
2017, 2019	<b>GIS for Conservation</b> – online course ( <i>in Portuguese</i> ), IPÊ – Instituto de Pesquisas Ecológicas
2013-2019	<b>Strategic and Tactical Conservation Planning</b> - IPÊ – Instituto de Pesquisas Ecológicas
2013	Workshop: <b>Application of GIS to Develop Scenarios for Strategic Environmental Assessment</b> – Peruvian Amazon Research Institute (IIAP)
2013	<b>Introduction to Geomatics for Ecology</b> – Universidade do Estado do Rio de Janeiro (UERJ)
2013	<b>Deforestation Modelling</b> – Porto Velho, Rondônia, Brazil
2001 – 2013	<b>Remote Sensing &amp; GIS for Conservation Biology Professionals:</b> IPÊ – Instituto de Pesquisas Ecológicas, São Paulo, Brazil (12 courses, 200+ students)
2010 – 2013	<b>Spatial Analysis for the Resolution of Priority Conservation Questions:</b> IPÊ – Instituto de Pesquisas Ecológicas, São Paulo, Brazil (4 courses, 80 students)
fall 2012	<b>Conservation Biology: Theory &amp; Practice</b> – Duke University (graduate level)
2008, 2011	<b>Systematic Conservation Planning</b> ( <i>in Portuguese</i> ): Escola Superior de Conservação Ambiental e Sustentabilidade, São Paulo, Brazil
2009	<b>Contentious Issues in Conservation Today</b> , CONS Program, Univ. of Maryland
2008	Guest Lecturer, <b>Biological Corridors</b> , North Carolina State University
2006	Guest Lecturer (2-week series), <b>Conservation Biology</b> , Duke University

2002	Teaching Assistant, <b>General Biology</b> , University of Tennessee
2001	<b>Remote Sensing &amp; GIS for Conservation Biology Professionals:</b> Universidade do Estado do Rio de Janeiro, Brazil
1999/2000	Course Assistant - <b>Satellite Image Analysis for Conservation:</b> Everglades National Park – May 2000 Universidade do Estado do Rio de Janeiro, Brazil – August 1999
1998	Teaching Assistant, <b>General Biology &amp; Field Ornithology</b> , Univ. of Tennessee
1997	<b>General Biology</b> Lab Instructor, East Tennessee State University

## STUDENT ADVISING

---

- Ana Claudia de Almeida (2019 - ongoing) – PhD, co-advisor, Universidade Federal do Mato Grosso do Sul
- Fernando Lima (2021, co-advised) – PhD, Universidade Estadual Paulista, Brazil.
- Ranaivo Rasolofoson (2016) – PhD committee, University of Copenhagen, Forest and Landscape
- Henrique Shirai (2019) – Master’s, Escola Superior de Conservação Ambiental e Sustentabilidade, Instituto de Pesquisas Ecológicas, Brazil
- Geisa Fernandes Galvão Loureiro (2017) – Master’s, Escola Superior de Conservação Ambiental e Sustentabilidade, Instituto de Pesquisas Ecológicas, Brazil
- Vanessa Lazaro (2016) – Master’s, Escola Superior de Conservação Ambiental e Sustentabilidade, Instituto de Pesquisas Ecológicas, Brazil
- Sidnei Sampaio (2016) – Master’s committee, Escola Superior de Conservação Ambiental e Sustentabilidade, Instituto de Pesquisas Ecológicas, Brazil
- Guilherme Fernandes (2016) – Master’s committee, Escola Superior de Conservação Ambiental e Sustentabilidade, Instituto de Pesquisas Ecológicas, Brazil
- Maria Fernanda Prado (2015) – Master’s committee, Escola Superior de Conservação Ambiental e Sustentabilidade, Instituto de Pesquisas Ecológicas, Brazil
- Bruno Matta (2015) – Master’s committee, Escola Superior de Conservação Ambiental e Sustentabilidade, Instituto de Pesquisas Ecológicas, Brazil
- Robert Fox (2012) – Master’s committee, University of Maryland, program in Sustainable Development and Conservation Biology
- Ranaivo Rasolofoson (2011) – Master’s, University of Maryland, program in Sustainable Development and Conservation Biology
- Andrew Tse (2010) – Intern, Poolesville High School, Maryland
- Aisha Mumtaz (2010) – Undergraduate research, University of Maryland

- Antalia González (2003-5) – Master’s committee, El Colegio de la Frontera Sur, Chetumal, Quintana Roo, Mexico

## HONORS & AWARDS

---

2021	Top Scholar – Florida International University
2020	Highly Cited Researcher (Environment and Ecology), Clarivate Web of Science
2019	Excellence in Wilderness Stewardship Research, U.S. Forest Service
1999	NSF Graduate Research Fellowship (supported Ph.D. for 3 years)
1997	Outstanding Senior Award, Biological Sciences Department, ETSU
1995-1996	Roesel Scholarship, highest GPA in math and sciences, ETSU
1995	Beta Beta Beta, Pi Delta chapter - former President
1995-1999	Phi Kappa Phi, ETSU chapter
1994-1998	Gamma Beta Phi, ETSU chapter
1993-1997	Deans List, ETSU
1993-1997	Academic Performance Scholarship, ETSU

## SERVICE

---

- Editor for *PLoS ONE* and *Biodiversity and Conservation*
- Former editor for *Oecologia Australis* (formerly *Oecologia Brasiliensis*)
- Vice President of [SavingNature.org](http://SavingNature.org)
- Founder and manager of [BiodiversityMapping.org](http://BiodiversityMapping.org)
- Director of Nominations, Society for Conservation Biology, Latin American & Caribbean Section (2014-2016)
- Director of Membership and Programs, Society for Conservation Biology, Austral & Neotropical American Section (2009-2011)
- Manuscript reviewer for *Nature*, *Science*, *Ecology Letters*, *Science Advances*, *Biodiversity & Conservation*, *Biological Conservation*, *PeerJ*, *TREE*, *BMC Ecology*, *Conservation Biology*, *Conservation Letters*, *Diversity & Distributions*, *Environmental Management*, *Journal of Biogeography*, *Oryx*, *Natureza & Conservação*, many others
- NSF grant review panels, Carbon Cycle & Ecosystems program (2009, 2011)
- NASA grant review panels (2004, 2011)
- External grant reviewer for NSF, NASA, National Geographic, Sigma Xi

## SEMINARS

---

2019	North Carolina State University, Raleigh, NC Florida International University, Miami, USA
------	--

- University College Cork, Ireland  
Society for Conservation GIS, Monterey, California, USA
- 2017 World Conference on Ecological Restoration, Iguazu Falls, Brazil
- 2016 Monterey Bay Aquarium, California, USA  
East Tennessee State University, USA
- 2015 Xishuangbanna Tropical Botanical Garden, China  
Rios Vivos Andinos, Pontificia Universidad Javeriana, Bogotá, Colombia  
Universidade Estadual Paulista (UNESP)  
U.S. Geological Survey (virtual seminar)
- 2014 XXI Congresso Brasileiro De Ornitologia, Rio de Janeiro, Brazil – December  
University of Hong Kong – November  
International Symposium on Biodiversity, National Institute of Biological Resources,  
Korea – November
- 2013 North Carolina State University, Biology Department – September  
International Congress for Conservation Biology – July  
Association for Tropical Biology and Conservation 50<sup>th</sup> Annual Meeting – June  
NASA, Biodiversity and Ecological Forecasting – April
- 2012 2<sup>nd</sup> Brazilian Congress of Landscape Ecology (2 symposia) – September  
49 Annual Meeting of Association for Tropical Biology and Conservation – June
- 2011 Tulane University, Ecology & Evolutionary Biology Dept. – January  
NASA, Biodiversity & Ecological Forecasting – October  
Indiana Native Plant and Wildflower Society – November
- 2010 24<sup>th</sup> International Congress for Conservation Biology – July  
University of Maryland, Geography Department – October  
Amazon Conservation Association – October
- 2009 XVII Congresso Brasileiro de Ornitologia – July  
Escola Superior de Conservação Ambiental e Sustentabilidade, São Paulo, Brazil –  
August  
University of Maryland, Biology Department – September
- 2008 U.S. Capitol. Future of the Western Amazon - March  
Society for Conservation Biology annual meeting - July
- 2007 5th International Symposium on Digital Earth - June  
Society for Conservation Biology annual meeting - July
- 2006 Society for Conservation Biology annual meeting - June  
University of California, Riverside - April
- 2005 Crossroads for Planet Earth, The Earth Institute, Columbia University - October
- 2004 El Colegio de la Frontera Sur, Mexico – December

- International Association of Landscape Ecology, U.S. - March
- 2002 Society for Conservation Biology annual meeting - July  
Student Conference on Conservation (poster), Cambridge University, England -  
March  
Missouri Botanical Garden - May
- 2001 Missouri Botanical Garden - October  
Universidade de São Paulo, Departamento de Ecologia - August  
Universidade do Estado do Rio de Janeiro, Setor de Ecologia - August  
Student Conference on Conservation, Cambridge University, England - March  
Sigma Xi, University of Tennessee - March
- 2000 University of Tennessee (graduate student seminar) - September  
Society for Conservation Biology annual meeting (poster) - August  
Student Conservation on Conference, Cambridge University, England - March
- 1999 East Tennessee State University, Geography Department - November  
East Tennessee State University, Biology Department - October