







Mini curso: Modelagem de corredores ecológicos para a conservação da biodiversidade

Instrutoras: Juliana Silveira dos Santos

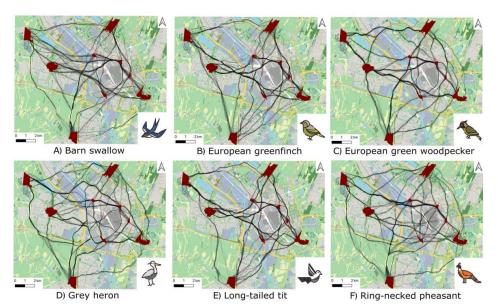
Taís Moreira

Monitora: Mileide Formigoni

Urban Ecosystems (2025) 28:73 https://doi.org/10.1007/s11252-025-01686-7

Identifying urban hotspots of potential bird and pedestrian encounters through corridor overlap

Emma E. Verweij¹ · João Carlos Pena² · Julia C. Assis¹



Verificaram a sobreposição de rotas usados por aves e humanos em uma área urbana



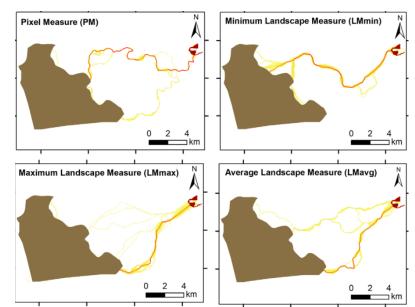
An Acad Bras Cienc (2025) 97(3): e20231177 DOI 10.1590/0001-3765202520231177

Anais da Academia Brasileira de Ciências | Annals of the Brazilian Academy of Sciences Printed ISSN 0001-3765 | Online ISSN 1678-2690 www.scielo.br/aabc | www.fb.com/aabcjournal

GEOSCIENCES

Financial expenditure as a criterion for choosing the most appropriate method for ecological corridor implementation Usaram variáveis socioeconômicas para o delineamento de corredores

RENAN A. OLIVEIRA, LILIANE M. NERY, VANESSA CÉZAR SIMONETTI, ARTHUR P. DOS SANTOS, ANTÔNIO CÉSAR G. MARTINS & DARLLAN C.C. SILVA

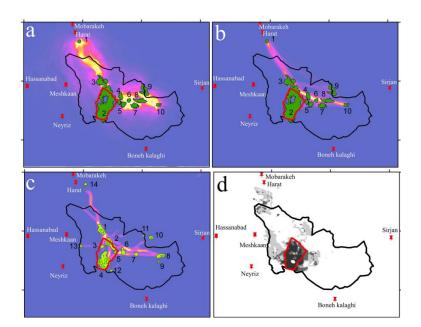


Landsc Ecol (2024) 39:73 https://doi.org/10.1007/s10980-024-01873-5

RESEARCH ARTICLE

Rethinking connectivity modeling for high-mobility ungulates: insights from a globally endangered equid

Azita Rezvani · Mahmoud-Reza Hemami · Jacob R. Goheen · Petra Kaczensky · Saeid Pourmanafi · Sima Fakheran · Saeideh Esmaeili



Compararam o desempenho do LS com outros métodos aplicados a conectividade da paisagem e compararam com dados de campo



Contents lists available at ScienceDirect

Biological Conservation

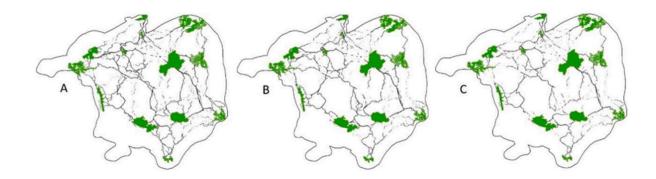
journal homepage: www.elsevier.com/locate/biocon





Defining priority areas for conservation based on multispecies functional connectivity

Wanderson Lopes Lamounier ^{a,b,*}, Juliana Silveira dos Santos ^c, Evandro Luís Rodrigues ^d, Maria Auxiliadora Drumond ^a



A partir das simulações definiram áreas prioritárias para a conservação de diferentes espécies de mamíferos e aves

analysis and LandScape Corridors simulation. Acta Ecologica Sinica, 2024, 44(8):3303-3316.

第 44 卷第 8 期 Vol.44, No.8 2024年4月 ACTA ECOLOGICA SINICA Apr., 2024 DOI: 10.20103/j.stxb.202309051928 沈舟, 尹海伟, 孔繁花, 苏杰, 孙辉, 李久林. 基于生境组团化分析与景观廊道模拟的南京市白鹭生境网络构建与优化. 生态学报, 2024, 44(8):

基于生境组团化分析与景观廊道模拟的南京市白鹭生 境网络构建与优化



致谢:感谢圣保罗州立大学生态学系、空间生态与保护实验室朱莉安娜博士(Juliana Silveira dos Santos)对 LSCorridors 软件包及算法应用提供的帮助。

Agradecemos à Dra. Juliana Silveira dos Santos, do Departamento de Ecologia, Laboratório de Ecologia Espacial e Conservação, Universidade Estadual de São Paulo, por sua assistência com o software LSCorridors e a aplicação do algoritmo.

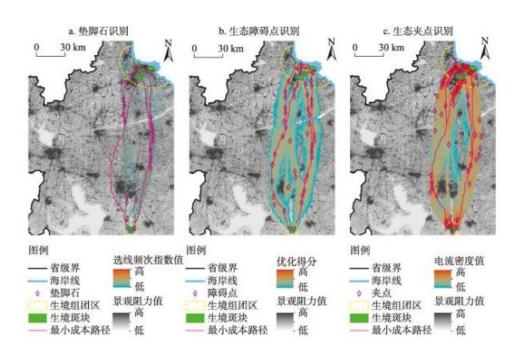
Com base nas simulações de corredores definiram novos habitats para uma espécie de ave em uma província na China

JOURNAL OF NATURAL RESOURCES >> 2024, Vol. 39 >> Issue (12) : 2834-2852. DOI: 10.31497/zrzyxb.20241206

Ecological Protection, Restoration and Mangement

Construction of avian biodiversity conservation patterns and optimization of ecological corridors in Jiangsu province

SHEN Zhou^{1™}, YIN Hai-wei^{1, 2, 3™}, KONG Fan-hua⁴, SU Jie¹, SUN Hui¹, GAI Zhen-yu¹, BAN Yu-long⁵



Com base nas simulações definiram áreas para conservação de aves em uma província na China



TYPE Original Research
PUBLISHED 12 July 2023
DOI 10.3389/fevo.2023.1078649



OPEN ACCESS

REVIEWED BY

EDITED BY Janet Rachlow, University of Idaho, United States

Erin Poor, The Nature Conservancy, United States Aaron Adams, Bonefish and Tarpon Trust, United States

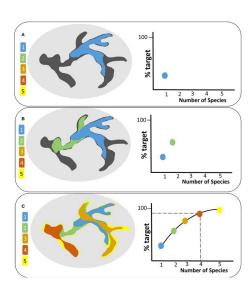
*CORRESPONDENCE
Trishna Dutta

Itrishnad@gmail.com

An objective approach to select surrogate species for connectivity conservation

Trishna Dutta^{1,2*}, Marta De Barba^{3,4,5}, Nuria Selva^{6,7}, Ancuta Cotovelea Fedorca⁸, Luigi Maiorano⁹, Wilfried Thuiller³, Andreas Zedrosser^{10,11}, Johannes Signer¹, Femke Pflüger^{1,12}, Shane Frank¹⁰, Pablo M. Lucas^{6,9,13} and Niko Balkenhol¹

Com base nas simulações definiram áreas para a conservação de espécies chaves

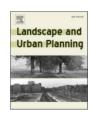




Contents lists available at ScienceDirect

Landscape and Urban Planning

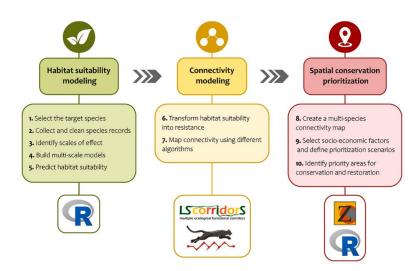






Balancing multi-species connectivity and socio-economic factors to connect protected areas in the Paraguayan Atlantic Forest

Milena Fiuza Diniz^{a,*}, Francisco Dallmeier^a, Tremaine Gregory^a, Victor Martinez^b, Silvia Saldivar-Bellassai^b, Maria Alejandra Benitez-Stanley^b, Ana María Sánchez-Cuervo^a



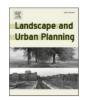
Com base nas simulações definiram áreas para aumentar a conectividade da paisagem e utilizaram dados socioeconômicos



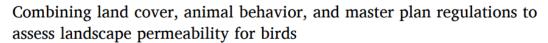
Contents lists available at ScienceDirect

Landscape and Urban Planning



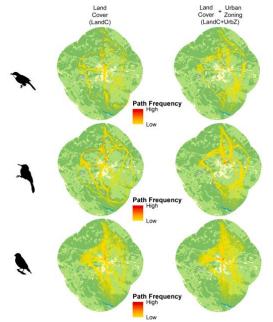


Research Paper



Check for updates

Tulaci Bhakti ^{a,b,*}, João Carlos Pena ^{c,d}, Bernardo Brandão Niebuhr ^{c,e,f,g}, Juliana Sampaio ^h, Fernando Figueiredo Goulart ⁱ, Cristiano Schetini de Azevedo ^{a,j}, Milton Cezar Ribeiro ^c, Yasmine Antonini ^{a,j}

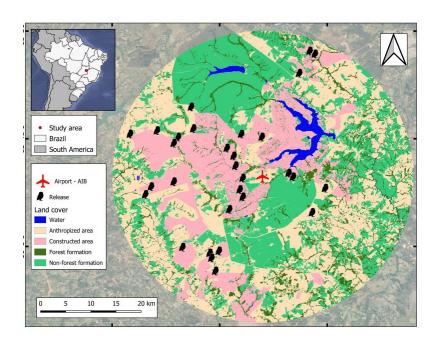


Delinearam corredores para aumentar a permeabilidade da paisagem para aves

Urban Ecosystems (2022) 25:499–509 https://doi.org/10.1007/s11252-021-01170-y

Predicting burrowing owl flight trajectories in urban environments

Eduardo Guimarães Santos¹ • Helga Correa Wiederhecker² • Ricardo Bomfim Machado³



Delinearam corredores na área do aeroporto de Brasília para reduzir acidentes/colisões com corujas buraqueiras

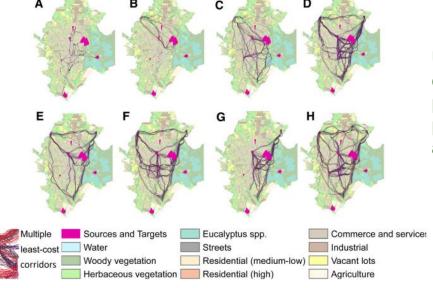
Ambio 2022, 51:253–268 https://doi.org/10.1007/s13280-021-01551-9



RESEARCH ARTICLE

Reconciling humans and birds when designing ecological corridors and parks within urban landscapes

Gabriela Rosa Graviola (6), Milton Cezar Ribeiro, João Carlos Pena

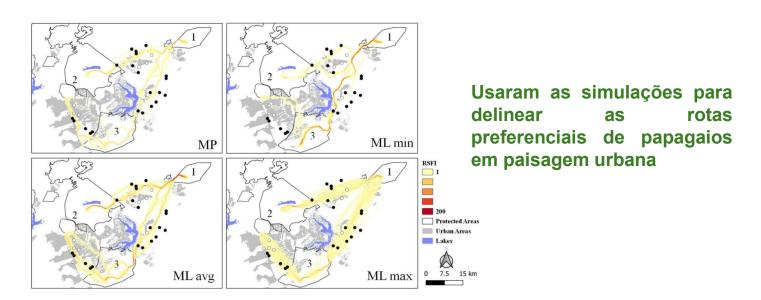


Usaram as simulações para delinear as rotas preferenciais para aves e pessoas em uma paisagem área urbana

Urban Ecosystems (2021) 24:1141–1154 https://doi.org/10.1007/s11252-021-01107-5

Parrots and the city: modeling potential corridors in an urban environment

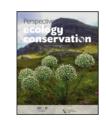
Paulla Jezuíno 10 · Renata Duarte Alquezar 1 · Ricardo Bomfim Machado 20





Perspectives in ecology and conservation

Supported by Boticário Group Foundation for Nature Protection



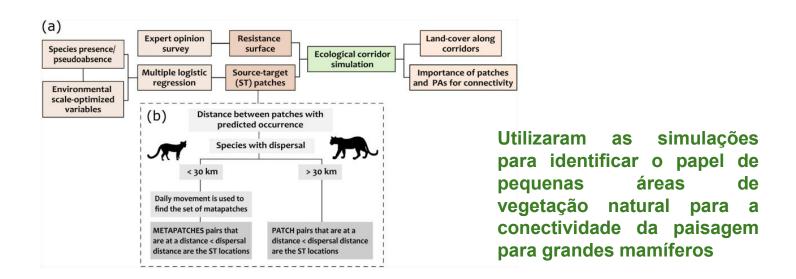
www.perspectecolconserv.com

Research Letters

The underestimated role of small fragments for carnivore dispersal in the Atlantic Forest



Milena F. Diniz^{a,*}, Marco T.P. Coelho^a, Fernanda G. de Sousa^b, Érica Hasui^c, Rafael Loyola^{a,d}

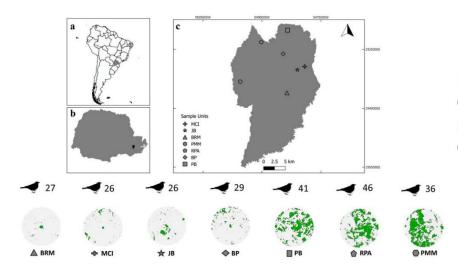


Urban Ecosystems (2020) 23:457–470 https://doi.org/10.1007/s11252-020-00927-1



Urbanization homogenizes the interactions of plant-frugivore bird networks

Israel Schneiberg ^{1,2} • Danilo Boscolo ³ • Mariano Devoto ⁴ • Vinicius Marcilio-Silva ^{1,5} • Cilmar Antônio Dalmaso ⁶ • John Wesley Ribeiro ⁷ • Milton Cezar Ribeiro ⁷ • André de Camargo Guaraldo ¹ • Bernardo Brandão Niebuhr ⁷ • Isabela Galarda Varassin ^{1,2}



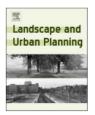
Realizaram o cálculo da conectividade funcional da paisagem com base na simulação de corredores ecológicos



Contents lists available at ScienceDirect

Landscape and Urban Planning



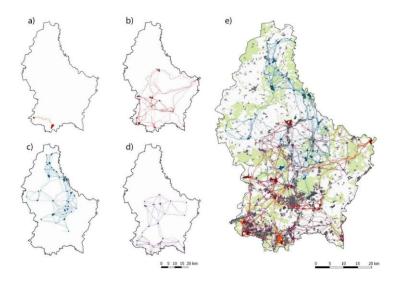


Research Paper

Assessing habitat loss, fragmentation and ecological connectivity in Luxembourg to support spatial planning



Javier Babí Almenar^{a,b,c,*}, Alya Bolowich^a, Thomas Elliot^{a,d}, Davide Geneletti^c, Guido Sonnemann^b, Benedetto Rugani^a



Identificaram rotas preferenciais de movimento de diferentes organismos na paisagem (abordagem multitáxon)



Contents lists available at ScienceDirect

Biological Conservation

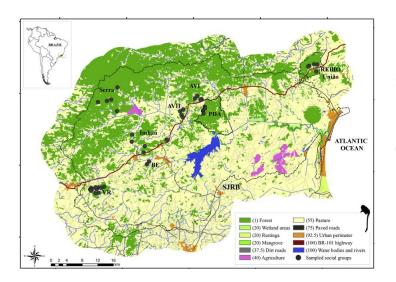
journal homepage: www.elsevier.com/locate/biocon



Landscape resistance influences effective dispersal of endangered golden lion tamarins within the Atlantic Forest



Andreia Magro Moraes^{a,b,c,*}, Carlos R. Ruiz-Miranda^a, Pedro M. Galetti Jr.^b, Bernardo Brandão Niebuhr^c, Brenda R. Alexandre^d, Renata L. Muylaert^c, Adriana D. Grativol^a, John W. Ribeiro^c, Arystene N. Ferreira^b, Milton Cezar Ribeiro^c



Calcularam métricas de permeabilidade e conectividade da paisagem com base nas simulações de corredores



Perspectives in ecology and conservation

Supported by Boticário Group Foundation for Nature Protection



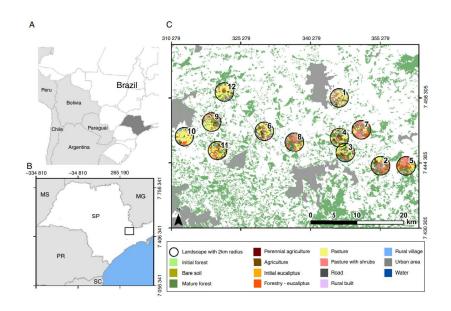
https://www.journals.elsevier.com/perspectives-in-ecology-and-conservation/

Research Letters

Positive responses of flower visiting bees to landscape heterogeneity depend on functional connectivity levels



Danilo Boscolo^{a,*}, Paola Mandetta Tokumoto^b, Patrícia Alves Ferreira^a, John Wesley Ribeiro^b, Juliana Silveira dos Santos^b



Com base nas simulações calcularam a conectividade funcional da paisagens