



1) EDUCATION

PERIOD / DEGREE / FIELD	UNIVERSITY
1998-2000 Graduation in Physics (not completed)	
2001-2005 Graduation in Biological Sciences <i>Ecology - Population Dynamics, Aquatic Ecosystems, Urban Pollution</i> Advisor: Dr. Jandira Liria Biscalquini Talamoni (FC-UNESP) Funding: PIBIC-IC	São Paulo State University, Brazil (UNESP)
2006-2008 Master in Biodiversity and Genetic Resources <i>Ecology - Genetics, Modeling, Phylogeography, Species Conservation, GIS, Africa Expedition (survey)</i> Advisor: Dr. José Carlos Brito (CIBIO-InBio/UP) Co-advisor: Dr. Paulo Célio Alves (CIBIO-InBio/UP) Funding: Rotary Ambassadorial Fellowship; FCT; National Geographic	University of Porto (UP) , Portugal Postgraduate Program in CIBIO - FC
2011-2015 PhD in Ecosystem Ecology <i>Ecology - Landscape Ecology, Scenarios & Models, Climate Change, Invasive Species, Citizen Science, South Brazil and Uruguay Expedition (survey)</i> Advisor: Dr. Antonio Mauro Saraiva (Polytechnic School of Engineering - USP) Co-advisor: Dr. Vera Lucia Imperatriz-Fonseca (Biosciences Institute - USP) Funding: FAPESP Agency (PF:11/12779-7)	São Paulo University (USP) Postgraduate Program in Ecology - IB
2016-2017 Technical Training in Biodiv. and Eco. Services Models & Scenarios <i>Ecology - Scenarios and Models of Biodiversity and Ecosystem Services in Support of Decision and Policy Making with focus in Environmental/Landscape Restoration</i> Supervisor: Dr. Jean Paul Walter Metzger (Biosciences Institute - USP) Joint development between France and Brazil Funding: Belmont Forum and FAPESP Agencies (PF:2015/19217-5)	São Paulo University (USP) and ScenNet (FRB)
2017-2018 Ecology Researcher (post-doc) ITVDS-VALE <i>Taxonomic authentication of inventoried species and monograph of flora families.</i> Supervisor: Dr. Tereza Cristina Giannini (ITVDS) Funding: ITVDS and CNPq	Instituto Tecnológico Vale - Desenvolvimento Sustentável (ITV)
2019-2021 Post-doc in Public Health <i>Ecology and Epidemiology - Mosquito species identification, distribution modeling, virus detection using Oxford Nanopore (MinION), arboviral diseases, drone survey, spillover and ecological interfaces</i> Supervisor: Dr. Maria Anice Mureb Sallum (USP School of Public Health - FSPUSP) Co-supervisor: Dr. Ester Cerdeira Sabino (USP Medical School - FMUSP) Co-supervisor abroad: Dr. Nuno Rodrigues Faria (Oxford Martin School) Research internship abroad supervisor: Dr. Moritz Kramer (Oxford Martin School) Joint development between UK (OXFORD) and Brazil (USP) Funding: FAPESP (PF19/12988-7) ; https://www.caddecentre.org/	São Paulo University (USP) and Oxford University (OX)
2022-2023 Ecology Researcher (post-doc) ITVDS-VALE <i>Biodiversity 4.0</i> A) Mapping existing biodiversity data in the Biodiversity and Ecosystem Services group at Instituto Tecnológico Vale. B) Benchmark of the main initiatives in long-term research on biodiversity in Brazil and abroad. Supervisors: Dr. Tereza Cristina Giannini , Valéria Tavares , Leonardo Trevelin (ITVDS) Funding: ITVDS and CNPq	Instituto Tecnológico Vale - Desenvolvimento Sustentável (ITV)

2) PROFESSIONAL EXPERIENCES

PERIOD	DESCRIPTION
2016-2022	Researcher and Instructor in "Spatial Modeling of Biodiversity Data" at Technological Institute of Vale (ITVDS)
2015-2019	Organizer and Maintainer of Citizen Science Campaign for Invasive Bee Monitoring (abelhaprocurada.com.br) Funding: FAPESP, Partnerships: Emater-RS; PUC-RS, POLI-USP; NAP-Biocomp.
2016-2019	Authentication and structuring of the database of the flora species of Cangas das Serras dos Carajás, Pará, Brazil with emphasis on Environmental Licensing (ITVDS). Coordinator: Tereza Cristina Giannini Organize and standardize data in accordance with international protocols for standardizing biodiversity data; Emphasize the demands of the regulatory frameworks of the licensing process, aiming to assist in the definition of species: a) under threat of extinction; b) endemic; c) exotic and potentially invasive; d) key species for use in recovery of degraded areas and; e) plant species associated with cavities.
2016-2018	Potential impact of climate change on flora and fauna species investigated for restoration of degraded areas in Eastern Amazonia (ITVDS). Coordinator: Tereza Cristina Giannini Analyze the impact of climate changes on plant and animal species that are providers of ecosystem services (pollinators and seed dispersers) through Species Distribution Modeling.
2016-2018	Invited Professor in the MBA courses of the Sustainability Laboratory in Polytechnic School at USP (LASSU-USP). Responsible for the chair/course "Biodiversity and Sustainability" in the MBA courses: <ul style="list-style-type: none"> Sustainability in Information and Communication Technology Governance and Innovation in Information and Communication Technology Integrated Solid Waste Management Governance and Innovation in Digital Technologies with Sustainability
2012-2015	Collaborative researcher: Evaluation of populations and honey of the jandaíra bee (<i>Melipona subnitida</i>) in Northeast Brazil as a tool for its conservation. Empresa Brasileira de Pesquisa Agropecuária - Embrapa. Coordinator: Bruno de Almeida Souza
2011-Current	Research Center on Biodiversity and Computing-BioComp: conservation and sustainable use in the information age. Transdisciplinary research center on biodiversity, its conservation and sustainable use. Coordinator: Antonio Mauro Saraiva (POLI-USP) Funding: Pro-Rectorate of Research at USP.
2010-Current	Metadata standards and pollinator data digitization tools. Coordinator: Antonio Mauro Saraiva (POLI-USP) Funding: Food and Agricultural Organization of the United Nation.

3) ACADEMIC TRAINING

YEAR / PERIOD	COURSE	INSTITUTION
2016-2017	Technical training: Scenarios for biodiversity and ecosystem services (~2 years)	ScenNet/USP
2016	Post-graduation workshop in computer engineering: Computing Modeling (8 hours)	POLI-USP
2013	II Southern-Summer School on Mathematical Biology (40 hours)	ICTP/UNESP
2012	Special Topics in Computing and Biodiversity (30 hours)	POLI-USP
2012	Games Theory applied for Ecology (30 hours)	IB-USP
2012	Modeling Impacts of Climate Change on Wildlife (30 hours)	IB-USP
2011	Biosphere-Atmosphere Interactions (150 hours)	IAG-USP
2011	Computing and Biodiversity (120 hours)	IB-USP
2011	International Course on Pollination. Caixuanã National Forest – PA (105 hours)	GEF/FAO
2010	Internship in Anthropology and Human Ecology with Dr. Rui Sereni Murrieta (4 months)	IB-USP
2009	Internship in Genetics and Human Evolution with Dr. Walter Alves Neves (6 months)	IB-USP
2008	Statistics and Experimental Design (4 ECTS; ~112 hours)	FC-UP
2008	Molecular Methods in the Analysis of Biological Diversity (4 ECTS; ~112 hours)	INIAV-UP
2008	Population Genetics and Phylogeography (4 ECTS; ~112 hours)	CIBIO-UP
2008	Biodiversity (4 ECTS; ~112 hours)	CIBIO-UP
2008	Conservation and Management of Biodiversity (4 ECTS; ~112 hours)	CIBIO-UP
2008	Genetics and Conservation (4 ECTS; ~112 hours)	CIBIO-UP
2008	Geographic Information Systems for Biodiversity (4 ECTS; ~112 hours)	CIBIO-UP
2004	Gene Silencing and Biotech Applications (8 hours)	FC-UNESP

4) COMPUTER SKILLS (TOOLS, SOFTWARES, PACKAGES)

- **Geographic Information Systems:** ESRI: ArcGIS, ArcGlobe, ArcScene, ArcCatalog; QGIS; DIVA-GIS; GRASS; GIS packages in R Language.
- **Microsoft Office Package:** Word, Excel, Frontpage, Powerpoint, FrontPage, Access.
- **Statistic, Mapping, Scientific Tools:** Circuitscape, Maxent, inVEST, Fragstat, Statistica, Google Earth Engine, R Language.
- **Adobe Package:** Flash, Illustrator, Photoshop, AfterEffects, Premiere, Dreamweaver, Acrobat Pro, Bridge, Fireworks.
- **Audiovisual Editing:** Sony Vegas, Wondershare Filmora, OBS Studio, Audacity, Inkscape.
- **Programming:** R Language (fluent); Python (beginner)

5) EXPERIENCES AND EXPEDITIONS

YEAR / PERIOD	EXPERIENCES
2019	• Oxford Nanopore – MinION Realtime, Portable DNA and RNA sequencer ”; Oxford-UK & São Paulo (2 weeks)
2016	• Workshop/Training: “Scenarios and Models in Biodiv. Ecosys. Services” ; Montpellier-França (1 week)
2014	• Expedition Survey searching for “Abelha Procurada” ; Rio Grande do Sul State (Brazil) and Uruguai (2 weeks)
2011	• Expedition and Pollination Course in Amazon Forest ; Oriental Amazon - Brazil (3 weeks)
2006-2008	• Rotary Goodwill Ambassador ; Visitation and Meetings in 8 clubs in 7 cities - Portugal. (2 years)
2008	• Pilgrimage on the Camino de Santiago de Compostela ; North of Spain (3 weeks)
2007	• Scientific Expedition to Africa ; Morocco, Occidental Sahara, Mauritania, Senegal. (2 months)
2007	• Herpetological Expedition ; Peneda-Gerês National Park - Portugal/Spain (2 weeks)

6) AWARDS

YEAR / PERIOD	AWARDS
2013	Jabuti Award 2013 - Author in 4 chapters in the book awarded in 3rd place Natural Sciences: "Pollinators in Brazil - Contribution and perspectives for biodiversity, sustainable use, conservation and environmental services"
2006-2008	Rotary Goodwill Ambassador (1st place in national contest). Representing Brazil in Rotary Clubs in Portugal.
2004	Honorable Mention for Scientific Initiation at the 50th Brazilian Congress of Genetics: "A tecnologia como subsidio a aprendizagem de práticas de pesquisa: Desenvolvimento de um sistema hipermedia sobre técnicas genéticas e citogenéticas em peixes."

7) ORGANIZATION OF EVENTS, CONDUCTING OF LECTURES AND COURSES

YEAR	EVENT / COURSE	TYPE
2022	XV Congreso Latinoamericano de Apicultura – FILAPI, Cusco-Perú	Lecturer
2021	2021 Planetary Health Annual Meeting and Festival	Organizer
2020	Seminário de Saúde Planetária: "Saúde Planetária na América Latina: hora de agir!"	Organizer
2017	9º Reunião de Avaliação do Programa BIOTA-FAPESP: <i>Minicurso Modelagem Ecogeográfica.</i>	Instructor
2017	VII World Conference on Ecological Restoration: Two works, see ABST (S31.01 e S32.02)	Posters
2016	Workshop on Biodiversity and Ecosystem Service Scenarios – ScenNet Team Brazil	Organizer
2016	Workshop: <i>Modelagem espacial de dados de biodiversidade</i> , Instituto Tec. VALE, Belém-PA	Instructor
2015	III Simpósio Bras. Biologia da Conservação: " <i>Mudanças globais e invasões biológicas</i> "	Lecturer
2015	XI Encontro Sobre Abelhas: " <i>Will Bombus terrestris reach Brazil?</i> "	Lecturer
2015	Seminário Estadual de Apicultura do RS: " <i>A Abelha Invasora (abelhaprocurada.com.br)</i> "	Lecturer
2013	Workshop GEF/UNEP/FAO Meta-Analysis of Pollination Deficits Workshop	Lecturer
2012	X Encontro Sobre Abelhas: " <i>Pollination Services for Sustainable Agriculture</i> "	Lecturer
2011	IV Conferência Reg. s/ Mudanças Globais: " <i>Polinizadores Invasores na América do Sul</i> "	Lecturer
2010	International Symposium on Phylogeography BIOTA-FAPESP	Participant
2010	International Conference: Getting Post 2010 Biodiversity Targets Right	Participant
2006	II Congresso Ibérico de Ecologia da Soc. Portuguesa de Eco. e Asociación Española de Eco.	Participant

8) ACADEMIC NETWORKS, SCIENTIFIC CURRICULUM AND REPOSITORY OF PUBLICATIONS

RESOURCE / NETWORK	LINK FOR MY ACCOUNT
• LinkedIn	http://www.linkedin.com/in/andre-luis-acosta/

• Curriculo Lattes	http://lattes.cnpq.br/5289799037730089
• ResearchGate	https://www.researchgate.net/profile/Andre_Luis_Acosta
• Google Scholar	https://scholar.google.com/citations?hl=en&user=ynLY010AAAAJ
• Researcher ID	http://www.researcherid.com/rid/H-2036-2012
• ORCID	https://orcid.org/0000-0002-4244-9637
• Publons	https://publons.com/researcher/1588823/andre-luis-acosta/publications/

9) SUPERVISION AND TEACHING

2021-2022

Master student – Supervision together with Dr. Maria Anice Mureb Sallum at Epidemiology Dept, Public Health School - USP
Hanna Augusta Machado - Bromélias como criadouros de mosquitos (Diptera: Culicidae) em condomínios residenciais no município de Paulínia/SP, Brasil. Mestrado Profissional em Entomologia em Saúde Pública, FSP-USP

2019-2022

PHD student – Supervision together with Dr. Tito Monteiro da Cruz Lotufo at Oceanographic Institute – USP
Silas Candido Principe de Souza - Efeitos das mudanças climáticas na distribuição de espécies chaves de ambientes costeiros rasos do Atlântico oeste. Doutorado em Oceanografia no Instituto Oceanográfico da USP.

2021-2022

Master student – Supervision together with Dr. Tereza Cristina Giannini at Vale Technologic Institute - <https://www.itv.org/>
Carolina Bianca Nascimento - Bromélias como criadouros de mosquitos (Diptera: Culicidae) em condomínios residenciais no município de Paulínia/SP, Brasil. Mestrado Profissional em Entomologia em Saúde Pública, FSP-USP

9) CURRENT RESEARCH GROUPS AFFILIATION

CADDE:Brazil-UK Centre for (Arbo)virus Discovery, Diagnosis, Genomics and Epidemiology; [Coordinator: Ester Sabino](#)

Multidisciplinary teams across Brazil and the UK to address critical questions in arbovirus epidemiology and public health.

Grupo de Estudos em Saúde Planetária do Instituto de Estudos Avançados da USP; [Coordinator: Antonio M. Saraiva](#) (POLI/USP)

United researchers for advancing Planetary Health Research. <http://saudeplanetaria.iea.usp.br/pt/participantes/>

10) LIST OF INDEXED PUBLICATIONS IN SCIENTIFIC JOURNALS AND CONFERENCES

- SABINO, W., COSTA, L., ANDRADE, T., TEIXEIRA, J., ARAÚJO, G., ACOSTA, A.L., CARVALHEIRO, L., & GIANNINI, T. C. (2022). **Status and trends of pollination services in Amazon agroforestry systems.** In *Agriculture, Ecosystems & Environment* (V.335, p.108012).
- SANTOS, C.F., ACOSTA, A.L., RAMOS, J.D., TIMM, J.M., & BLOCHTEIN, B. (2022). **Scientific note: a stingless bee species attempting to invade a foreign region.** In *Apidologie* (V.53, I.3).
- SALIM, J.A., SARAIVA, A.M., ZERMOGLIO, P.F., AGOSTINI, K., WOLOWSKI, M., DRUCKER, D.P., SOARES, F.M., BERGAMO, P.J., VARASSIN, I.G., FREITAS, L., MAUÉS, M.M., RECH, A.R., VEIGA, A.K., ACOSTA, A.L. et al., (2022) **Data standardization of plant-pollinator interactions.** In *GigaScience* (v.11).
- XAVIER, F., AMARAL, G.R., OLENSKI, J.R.W., ACOSTA, A.L., VIANNA, M.D.A., SALLUM, M.A.M., & SARAIVA, A.M. (2022). **Who is Tweeting about COVID-19.** In *Applied Informatics International Conference* (V.2022).
- LI, S.L., ACOSTA, A.L., HILL, S.C., BRADY, O.J., DE ALMEIDA, M. A. B., CARDOSO, J. DA C., et al. (2022). **Mapping environmental suitability of Haemagogus and Sabethes spp. mosquitoes to understand sylvatic transmission risk of yellow fever virus in Brazil.** In *PLOS Neglected Tropical Diseases* (V.16, I.1, p. e0010019).
- SANTOS, C.F., ACOSTA, A.L., HALINSKI, R., SOUZA-SANTOS, P.D., BORGES, R.C., GIANNINI, T.C., & BLOCHTEIN, B. (2022). **The widespread trade in stingless beehives may introduce them into novel places and could threaten species.** In *Journal of Applied Ecology*. (V.59, I.4, pp.965–981).
- MEE, P., ALEXANDER, N., MAYAUD, P., GONZÁLEZ, F. DE J. C., ABBOTT, S., SANTOS, A. A. DE S., ACOSTA, A.L., et al. (2022). **Tracking the emergence of disparities in the subnational spread of COVID-19 in Brazil using an online application for real-time data visualisation: A longitudinal analysis.** In *The Lancet Regional Health - Americas* (V.5, p.100119).
- ACOSTA, A.L., TAVARES, V., OLIVEIRA, G., TREVELIN, L., ALVES, R., MARQUES, N., & GIANNINI, T. (2021). **Biodiversity 4.0: Standardizing biodiversity protocols for the private sector.** In *Biodiversity Information Science and Standards* (V.5).
- GIANNINI, T.C., ACOSTA, A.L., COSTA, W.F., MIRANDA, L., PINTO, C.E., WATANABE, M.T.C., et al. (2021). **Flora of Ferruginous Outcrops Under Climate Change: A Study in the Cangas of Carajás (Eastern Amazon).** In *Frontiers in Plant Science* (V.12).
- PRINCIPE, S.C., ACOSTA, A.L., ANDRADE, J.E., & LOTUFO, T.M.C. (2021). **Predicted Shifts in the Distributions of Atlantic Reef-Building Corals in the Face of Climate Change.** In *Frontiers in Marine Science* (V.8).
- ACOSTA, A.L.; PINTER, A.; FARIA, N.; SABINO, E.C.; SALLUM, M.A.M. (2021). **Landscape connectivity for yellow fever: a proxy approach to detect displacement and circulation through environmental corridors and interfaces.** In *The Lancet Planetary Health* (V5, p.S22).
- ACOSTA, A.L.; XAVIER, F.; SARAIVA, A.M.; SABINO, J.; FARIA, N.; et al. (2021). **Coronavirus from cities to forests: mapping vulnerable interfaces and hotspots for SARS-CoV-2 spillover from humans to biodiversity.** In *The Lancet Planetary Health* (V.5, p.S15).
- PRINCIPE, S.C.; ACOSTA, A. L.; ANDRADE, J.E.; LOTUFO, T. (2021). **Predicted Shifts in the Distributions of Atlantic Reef-Building Corals in the Face of Climate Change.** In *Frontiers in Marine Science* (V.8).
- MEE, P., ALEXANDER, N., MAYAUD, P., COLON GONZALEZ, F. DE J., ABBOTT, S., DE SOUZA SANTOS, A. A., ACOSTA, A. L., et al. (2021). **Tracking the emergence of disparities in the subnational spread of COVID-19 in Brazil using an online application for real-time data visualisation: a longitudinal analysis.** medRxiv Cold Spring Harbor Laboratory.
- ACOSTA, A. L.; XAVIER, F.; CHAVES, L.S.M.; SABINO, E.C.; SARAIVA, A.M.S.; SALLUM, M.A.M. (2020). **Interfaces à transmissão e spillover do coronavírus entre florestas e cidades.** In *Estudos Avançados* (V.34, I.99, pp.191–208).
- XAVIER, F.; OLENSKI, J.R.; ACOSTA, A. L.; SALLUM, M.A.M.; SARAIVA, A.M.S. (2020). **Análise de redes sociais como estratégia de apoio à vigilância em saúde durante a Covid-19.** In *Estudos Avançados* (V.34, I.99, pp.261–282).
- HALINSKY, R.; GARIBALDI, L.A.; SANTOS, C.F.; ACOSTA, A. L.; GUIDI, D.D.; BLOCHTEIN, B. (2020). **Forest fragments and natural vegetation patches within crop fields contribute to higher oilseed rape yields in Brazil.** In *Agricultural Systems* (V.180, p.102768).
- ACOSTA, A. L.; DALBERTAS F.G.C.; LEITE, M.S.; SARAIVA, A.M.; METZGER, J.P. (2018). **Gaps and limitations in the use of restoration scenarios: a review.** In *Restoration Ecology*. (V.26, I.6, pp. 1108–1119).
- METZGER, J.P.; ESLER, K.; KRUG, C.; ARIAS, M.; TAMBOSI, L.; CROUZEILLES, R.; ACOSTA, A.L.; BRANCALION, P.H.S.; et al. (2017). **Best practice for the use of scenarios for restoration planning.** In *Current Opinion In Env. Sustainability*. (V29, pp.14-25).
- GIANNINI, T.C.; MAIA-SILVA, C.; ACOSTA, A.L.; JAFFÉ, R.; CARVALHO, A.T.; MARTINS, C.F.; ZANELLA, F.C.V.; HRNCIR, M.; SARAIVA, A.M.; SIQUEIRA, J.O.; FONSECA, V.L.I. (2017). **Protecting managed bee pollinator against climate change: strategies for an area with extreme climatic conditions and socioeconomic vulnerability.** In *Apidologie*. (v48, p784-794).

- 21) ACOSTA, A.L.; GIANNINI, T.C.; IMPERATRIZ-FONSECA, V.L.; SARAIVA, A.M. (2016). Worldwide Alien Invasion: A Methodological Approach to Forecast the Potential Spread of a Highly Invasive Pollinator. In *Plos One*, (V.11, I.2, p.e0148295).
- 22) DOS SANTOS, C.F.; ACOSTA, A.L.; DORNELES, A.L.; DOS SANTOS, P.D.S.; BLOCHTEIN, B. (2016). Queens become workers: pesticides alter caste differentiation in bees. In *Scientific Reports*, (V.6, I.1, p.31605).
- 23) JAFFÉ, R.; POPE, N.; ACOSTA, A.L.; ALVES, D.A.; ARIAS, M.C.; DLA RÚA, P.; FRANCISCO, F.O.; GIANNINI, T.C.; GONZÁLEZ-CHAVES, A.; IMPERATRIZ-FONSECA, V.L.; TAVARES, M.G.; JHA, S.; CARVALHEIRO, L.G. (2016) Beekeeping practices and geographic distance, not land use, drive gene flow across tropical bees. In *Molecular Ecology*, (V.25, I.21, pp. 5345–5358).
- 24) GIANNINI, T.C.; GARIBALDI, L.A.; ACOSTA, A.L.; MAIA, K.P.; SARAIVA, A.M.; GUIMARÃES, P.R.; KLEINERT, A.M.P. (2015). Native and Non-Native Supergeneralist Bee Species Have Different Effects on Plant-Bee Networks. In *Plos One*, (V.10, I.9, p.e0137198).
- 25) GIANNINI, T.C.; TAMBOSI, L.R.; ACOSTA, A.L.; JAFFÉ, R.; SARAIVA, A.M.; IMPERATRIZ-FONSECA, V.L.; METZGER, J.P. (2015). Safeguarding Ecosystem Services: A Methodological Framework to Buffer the Joint Effect of Habitat Configuration and Climate Change. In *Plos One*, (V.10, I.6, p.e0129225).
- 26) DOS SANTOS, C.F.; ACOSTA, A.L.; NUNES-SILVA, P.; SARAIVA, A.M.; BLOCHTEIN, B. (2015). Climate Warming May Threaten Reproductive Diapause of a Highly Eusocial Bee. In *Environmental Entomology*, (V.44, I.4, pp.1172–1181).
- 27) VERSIEUX, L.M.; ACOSTA, A.L.; JORDAO, A.L.; ZIDKO, A.; MAIA, U.M. (2014). Floral biology, morphology and ecological niche modelling of *Caraiça grandifolia* (*Calophyllaceae*), an important Amazonian floodplain tree. In *Boletim do Museu Paraense Emílio Goeldi - Ciências Naturais*, (v.9(3), p.465-479).
- 28) GIANNINI, T.C.; PINTO, C.E.; ACOSTA, A.L.; TANIGUCHI, M.; SARAIVA, A.M.; DOS SANTOS, I.A. (2013). Interactions at large spatial scale: The case of *Centris* bees and floral oil producing plants in South America. In *Ecological Modelling* (Vol. 258, pp.74–81).
- 29) GIANNINI, T.C.; ACOSTA, A.L.; SILVA, C.I.; DE OLIVEIRA, P.E.A.M.; IMPERATRIZ-FONSECA, V.L.; SARAIVA, A.M. (2013). Identifying the areas to preserve passion fruit pollination service in Brazilian Tropical Savannas under climate change. In *Agriculture, Ecosystems & Environment*, (V.171, pp.39–46).
- 30) GIANNINI, T.C.; ACOSTA, A.L.; GARÓFALO, C.A.; SARAIVA, A.M.; SANTOS, I.A.; IMPERATRIZ-FONSECA, V.L. (2012). Pollination services at risk: bee habitats will decrease owing to climate change in Brazil. In *Ecological Modelling* (V.244, pp. 127–131).
- 31) GIANNINI, T.C.; SIQUEIRA, M.F.; ACOSTA, A.L.; BARRETO, F. C.C.; SARAIVA, A.M.; SANTOS, I.A. (2012). Desafios atuais da modelagem preditiva de distribuição de espécies. In *Rodriguésia* (V.63, I.3, pp.733–749).
- 32) BRITO, J.C., ACOSTA, A.L., ÁLVARES, F., CUZIN, F. (2009). Biogeography and conservation of taxa from remote regions: An application of ecological-niche models and GIS to North-African canids. In *Biological Conservation* (V.142, I.12, pp.3020–3029).

11) LIST OF BOOK CHAPTERS

- 1) KOFFLER, S., ACOSTA, A.L., SOARES, F.M., & SARAIVA, A.M. (2022). 2021 Planetary Health Annual Meeting and Festival Book of Abstracts: Planetary Health for All: Bridging Communities to Achieve the Great Transition. Publisher: Instituto de Estudos Avançados da Universidade de São Paulo, ISBN: 978-65-87773-26-1 <https://doi.org/10.5281/ZENODO.6373367>
- 2) ACOSTA, A.L., FONSECA, V.L.I., & SARAIVA, A.M. (2022). Abelha Procurada - Procura-se viva a abelha invasora: *Bombus terrestris*. In *Ciência cidadã e polinizadores da América do Sul* (pp.125–132). Editora Cubo. <https://doi.org/10.4322/978-65-86819-20-5.s03c16.pt>
- 3) ACOSTA, A.L., KOFFLER, S., & SARAIVA, A.M. (2021). Seminário Saúde Planetária na América Latina: hora de agir! - Livro de Resumos. Publisher: USP ISBN: 978-65-87773-12-4 <https://doi.org/10.5281/ZENODO.5348226>
- 4) ACOSTA, A.L.; GIANNINI, T.C.; IMPERATRIZ-FONSECA, V.L.; SARAIVA, A.M. (2017). Capítulo 18: Mudanças climáticas na Caatinga com ênfase no Rio Grande do Norte: breve análise e síntese. In: IMPERATRIZ-FONSECA V.L. KOEDAM, D; HRNCIR, M. (Org.). *A abelha Jandaíra: no passado, no presente e no futuro*. EDUFERSA, (v.1, p.185-199).
- 5) CARVALHO, A.T.; MAIA-SILVA, C.; JAFFÉ, R.; SOUZA, B.A.; ZANELLA, F.C.V.; MARTINS, C.F.; CARVALHO, C.A.L.; ALVES, R.M.O.; KOEDAM, D.; ACOSTA, A.L.; IMPERATRIZ-FONSECA, V.L.; GIANNINI, T.C. (2017). Capítulo 3: Distribuição geográfica atual da abelha jandaíra e previsões para sua distribuição futura. In: IMPERATRIZ-FONSECA V.L. KOEDAM, D; HRNCIR, M. (Org.). *A abelha Jandaíra: no passado, no presente e no futuro*. EDUFERSA (v. 1, p. 73-77).
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