

Cindy Barreto

Ph.D. student


Ecology and Evolutionary Biology


University of Connecticut


 <https://cindybarreto.github.io>


 cindy.barreto@uconn.edu


 cindy.t.barreto

 +1 959 929 9750

 @realcindybarreto

 cindybarreto

 0000-0001-8252-0680

 Cindy_Barreto2

Education

- In progress **Philosophy Doctor (Ecology and Evolutionary Biology)**, University of Connecticut (UConn)
- Harriott Fellow
 - Study emphasis: Genomics tools for conservation and management of Roseate terns
 - Advisor: Prof. Dr. Margaret Rubega
- 2011 – 2013 **Master of Science (Biology of Freshwater Ecosystems)**, Universidade Federal do Rio Grande (FURG), Brazil
- Semester abroad at University of Saskatchewan, Canada (2012 – 2013)
 - Dissertation: Waterbirds as bioindicators of contamination by metals in southern Brazil wetlands
 - Advisors: Prof. Dr. Leandro Bugoni, Dr. Adalto Bianchini
- 2007 – 2012 **Licentiate of Science (Biological Sciences)**, Universidade Federal de Pelotas (UFPEL), Brazil
- Monography: Autobiography as an instrument of reflection about my career as a teacher
 - Advisors: Prof. Dra. Cristhianny Bento Barreiro. Co-Supervisors: Prof. Dra. Rita Cóssio Rodriguez and M.Ed. Livian Lino Netto
- 2007 – 2010 **Bachelor of Technology (Environmental Management)**, Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL), Brazil
- *Valedictorian*
 - Monograph: Use of cyanobacteria as indicators of pollution degree in water resources
 - Advisor: Prof. M.Sc. Régis da Silva Pereira

Complementary courses

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| 2019 | Introduction to R Environment (30 hours) |
| 2018 | Aquatic Biodiversity Modeling (45 hours) |
| 2018 | Environmental Contaminants (30 hours) |
| 2018 | Bioethics (60 hours) |
| 2018 | Learning to write a <i>Lettre de Motivation</i> – A2 level (16 hours) |
| 2018 | Relevant Environmental Issues (5 hours) |
| 2018 | Goals and Definitions of Projects' Management (5 hours) |
| 2018 | Introduction to R Programming Language (8 hours) |
| 2018 | Sustainability Daily: Citizen's Guidelines (12 hours) |
| 2016 | English Preparatory Course for Cambridge English: Advanced – Level 5 of 5 (60 hours) |
| 2016 | English Preparatory Course for Cambridge English: First – Level 5 of 5 (60 hours) |
| 2015 | English Course – Level 5 of 5 (60 hours) |
| 2011 | Avian Observation and Identification (8 hours) |
| 2010 | Pedagogic Journey (40 hours) |
| 2009 | Communication as an Instrument to Environmental Education (4 hours) |
| 2009 | Water Resources as a Field of Research (4 hours) |
| 2009 | Agroecology: Sustainable Systems of Production (4 hours) |
| 2009 | Paper Recycling (4 hours) |
| 2007 | Airborne Fungi as Bioindicators of Air Quality (20 hours) |
| 2007 | Environmental Licensing (12 hours) |

Fellowships/Awards

2020 – present	University of Connecticut (UConn) , United States of America <ul style="list-style-type: none">- Harriott fellowship
2019	Brazilian Ornithological Society (SBO) , Brazil <ul style="list-style-type: none">- Helmut Sick award
2017	Mostra de Produção Universitária (MPU) , Universidade Federal do Rio Grande (FURG), Brazil <ul style="list-style-type: none">- Best student presentation award
2015 – 2018	National Council for Scientific and Technological Development (CNPq) and Chico Mendes Institute for Biodiversity Conservation (ICMBio) , Brazil <ul style="list-style-type: none">- Invited researcher fellowship
2012 – 2013	Emerging Leaders in Americas Program (ELAP) , Canada <ul style="list-style-type: none">- ELAP Graduate Student fellowship
2011	Coordination for the Improvement of Higher Education Personnel (CAPES) , Brazil <ul style="list-style-type: none">- Master's degree researcher fellowship
2010	Coordination for the Improvement of Higher Education Personnel (CAPES) , Brazil <ul style="list-style-type: none">- Teaching Initiative Program (PIBID) fellowship
2009 – 2010	Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) , Brazil <ul style="list-style-type: none">- Scientific initiative fellowship
2009	Universidade Federal de Pelotas (UFPEL) , Brazil <ul style="list-style-type: none">- Tutor fellowship (General Chemistry)
2008 – 2009	Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) , Brazil <ul style="list-style-type: none">- Scientific initiative fellowship
2009	Universidade Federal de Pelotas (UFPEL) , Brazil <ul style="list-style-type: none">- Tutor fellowship (Morphology and Systematics of Cryptogams)

Teaching Experience

University of Connecticut, USA

2021, 2022	Biology of the Vertebrates <ul style="list-style-type: none">- Teaching Assistant- Guest lecture: Bird mating systems (2022)
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Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL), Brazil

2013	Communication Techniques <ul style="list-style-type: none">- Invited professor, post-secondary degree in Bakery and post-secondary degree in Bakery Assistant
2013	Health, Security and Human Resources <ul style="list-style-type: none">- Invited professor, post-secondary degree in Bakery and post-secondary degree in Bakery Assistant
2012	Applied Biology <ul style="list-style-type: none">- Professor, Bachelor of Technology in Environmental Management
2012	Biomonitoring <ul style="list-style-type: none">- Professor, Bachelor of Technology in Environmental Management

Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL), Brazil

2012	Water Treatment - Professor, Bachelor of Technology in Environmental Management
2011	Biosecurity - Professor, Bachelor of Technology in Environmental Management
2011	Environmental Management - Professor, Bachelor of Technology in Environmental Management
2011	Environmental Remediation and Conservation - Professor, Technician in Environmental Management
2010	Microbiology - Professor, Bachelor of Technology in Environmental Management
2010	Environmental Management and Sustainability - Professor, Bachelor of Technology in Environmental Management
2010	Atmospheric Emissions - Professor, Technician in Environmental Management
2010	Environmental Management - Invited professor, Technician in Agribusiness

Service and Mentorship

...	Peer reviewer for Ornithologia - Journal of ornithology, covering topics as ecology and conservation of wild bird
2021	Scientific initiation advisor , University of Connecticut (UConn), USA - Alyson Tomaszewski and Xingya Zhao, undergraduate students. Project: Effects of nestling cross-fostering on nestling and parental behavior of Eastern bluebirds (<i>Sialia sialis</i>)
2019 – 2021	Scientific initiation advisor , Universidade Federal do Rio Grande (FURG), Brazil - Cheyenne Soler, student of Bachelor of Biological Sciences. Project 1: Reproductive biology of Pelecaniformes at an estuarine island in Southern Brazil. Project 2: Taphonomy associated with reproduction of Pelecaniformes in Southern Brazil
2016 – 2020	Monograph co-advisor , Universidade Federal do Rio Grande (FURG), Brazil - Augusto Sastre Krauze, student of Bachelor of Oceanography. Project: Archipelagos and colony origins of <i>Calonectris borealis</i> and <i>Calonectris diomedea</i> in two wintering sites in Brazil
2018 – 2019	Scientific initiation advisor , Universidade Federal do Rio Grande (FURG), Brazil - Leonardo Oliveira Soares, student of Bachelor of Biological Sciences. Project: Lateral subsidies from aquatic to terrestrial environments mediated by vertebrates: similarities and contrasts between marine and estuarine islands
2018 – 2019	Monograph co-advisor , Universidade Federal do Rio Grande (FURG), Brazil - Gabriela de Oliveira, student of Bachelor of Biological Sciences. Project: Concentration and origins of contamination by cadmium and lead in Trindade Petrel, <i>Pterodroma arminjoniana</i>
2012	Monograph co-advisor , Universidade Federal de Pelotas (UFPEL), Brazil - Mônica Lopes Moreira, student of Bachelor of Technology in Environmental Management. Project: Management plan of cemetery waste
2012	Scientific initiation advisor , Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil - Alice Cardoso de Ávila and Marciana Rubira Maciel, students of Bachelor of Technology in Environmental Management. Project: Swine waste management and implementation of cleaner production in small farms - Marciana Rubira Maciel, student of Bachelor of Technology in Environmental Management. Project: Waste management of furniture manufacture - Paola Costa Oliveira and Tamara Pirez, students of Bachelor of Technology in Environmental Management. Project: Macrophytes as bioindicators of environmental quality

Service and Mentorship

2011	Monograph advisor , Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil <ul style="list-style-type: none">- Débora Kickhofel Moraes, student of Technician in Environmental Management. Project: Responsibilities of an environmental technician at water treatment stations- João Luiz Nobre, student of Technician in Environmental Management. Project: Environmental Management of fishing lead
2010	Committees participation , Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil <ul style="list-style-type: none">- Pedagogic Course Project of Bachelor in Technology Environmental Management evaluation. Author of the reviewed version of the Project of Bachelor in Technology Environmental Management- Fellowship candidates' evaluator, Technician in Environmental Management. Project: Environmental education through actions- Fellowship candidates' evaluator, Technician in Environmental Management. Project: Study of waste reuse and recycle techniques for the scholar community and its neighborhood

Publications

*Only available in Portuguese

Scientific Journals

In preparation	Travessas AO, Barreto CT , Chaves DC, Bugoni L. Diet and resource partitioning between egrets and herons in an estuarine colony in southern Brazil. To be submitted to Aquat Ecol
In preparation	Caseiro-Silva F, Faria FA, Barreto CT , Fernandez CN, Bugoni L. Colonial waterbirds provide persistent subsidies to swamp forests along an estuarine island food chain. Submitted to Oecologia
In preparation	Barreto CT , Bianchini A, Morrissey C, Faria, FA, Bugoni L. Lead and cadmium levels in egrets and spoonbills in southern Brazil: influence of colony location. To be submitted to Ecotoxicology
2022	Nunes GT, Efe MA, Barreto CT , Gaiotto JV, Silva AB, Vilela F, Roy A, Bertrand S, Costa PG, Bianchini A, Bugoni L (2022) Ecological trap for seabirds due to contamination caused by the Fundão dam collapse, Brazil. Sci Total Environ 807(2): 151486

Didactic Books

2011	Barreto CT , Zibetti VK (2011) Waste treatment volume III: atmospheric emissions, soil waste, and effluents. Didactic material of Technician in Biofuels course *
2011	Barreto CT , Zibetti VK (2011) Waste treatment volume IV: agribusiness waste treatment and water reuse. Didactic material of Technician in Biofuels course *
2011	Zibetti VK, Barreto CT (2011) Fundaments of Ecology. Didactic material of Technician in Biofuels course *

Book chapters

In Preparation	Barreto CT , Faria FA, Serafini PP, Paludo D (2023) Migratory birds dynamics. In: Sociobiodiversidade e dinâmicas no território do PAN Lagoas do Sul.*
2020	Alves PRP, Palma-Silva C, Krob AJD, Barreto CT , Albertoni EF (2020) Research on effects of climate change. In: Conservação da biodiversidade e modos de vida sustentáveis nas lagoas do Sul do Brasil: a experiência de um plano de ação com enfoque territorial. PGDR, UFRGS, Porto Alegre ISBN: 978-65-5973-011-7 (e-book).*
2020	Barreto CT (2020) Integrating experiences in PAN Lagoas do Sul spaces. In: Conservação da biodiversidade e modos de vida sustentáveis nas lagoas do Sul do Brasil: a experiência de um plano de ação com enfoque territorial. PGDR, UFRGS, Porto Alegre ISBN: 978-65-5973-011-7 (e-book). *
2020	Palma-Silva C, Krob AJD, Barreto CT , Albertoni EF (2020) Biological and environmental indicators of quality and dynamics in freshwater systems. In: Conservação da biodiversidade e modos de vida sustentáveis nas lagoas do Sul do Brasil: a experiência de um plano de ação com enfoque territorial. PGDR, UFRGS, Porto Alegre ISBN: 978-65-5973-011-7 (e-book). *
2011	Rocha MP, Moura IF, Schemmfelnnig MP, Silva ALA, Barreto CT , Leite CC, Machado G, Soares GP, Pereira IDM, Campos JM, Souza JLS, Araújo LT, Albrecht LD, Lemos L, Silva LP, Menare LRK, Bierhals M, Rodrigues RC, Cunha SK, Borchardt TT, Costa VC (2011) The fantastic sports' world. In: PIBID UFPEL: Projetos interdisciplinares. Editora e Gráfica Universitária PREC-UFPEL, Pelotas ISBN: 9788571927551 *

Publications

*Only available in Portuguese

Abstracts and Presentations on Events

- 2022 **Barreto CT**, Gutiérrez J, Zhao X, Tomaszewski A, Knutie SA (2022) Effects of partial cross-fostering on nestling and parental behavior in Eastern bluebirds. **Poster presentation at** The Society for Integrative Biology Annual meeting SICB 2022. National Meeting
- 2020 Faria FA, Repenning M, **Barreto CT**, Bugoni L (2020) Molt strategy, breeding phenology and seasonal occurrence of the South American Painted Snipe in Southern Brazil. *VII NAOC – North American Ornithological Conference*. International Meeting *
- 2019 **Barreto CT**, Faria FA, Bianchini A, Bugoni L (2019) Trace elements in herons and spoonbills from southern Brazil: interaction between concentrations, environment, and trophic level. **Presentation at XXVI CBO – Congresso Brasileiro de Ornitologia**. National Congress *
- 2018 Soares LO, **Barreto CT**, Faria FA, Bugoni L (2018) Catching rates of forest birds on Marinheiros Island, Lagoa dos Patos estuary. *IV ENCIF – Encontro de Ciência e Tecnologia do IFSUL Campus Bagé*. Academic Meeting *
- 2017 Oliveira G, **Barreto CT**, Costa PG, Bianchini A, Bugoni L (2017) Tissues Concentrations of metals in *Pterodroma arminjoniana* (Giglioli & Salvadori, 1868; Procellariiformes. *XIII Congresso de Ecologia and III International Symposium of Ecology and Evolution*. International Meeting *
- 2017 Oliveira G, **Barreto CT**, Costa PG, Bianchini A, Bugoni L (2017) Concentrations of lead and cadmium in blood samples of Trindade Petrel *Pterodroma arminjoniana*. *26° Congresso de Iniciação Científica*. Academic Meeting *
- 2016 **Barreto CT**, Figueiredo NSB, Gaiotto JV (2016) Identification of avian species from wetland environments in southern Rio Grande do Sul coast. **Poster presentation at Estação Ecológica do TAIM: 30 anos conservando a biodiversidade**. Regional Meeting *
- 2016 Steenbock W, **Barreto CT**, Eichenberger CCD, Santos RA (2016) National Plan for Conservation of Freshwater Ecosystems in southern Brazil (PAN Lagoas do Sul): a proposal of integrated actions for environmental conservation in the southern Brazil coast. **Poster presentation at Estação Ecológica do TAIM: 30 anos conservando a biodiversidade**. Regional Meeting *
- 2016 **Barreto CT**, Figueiredo NSB (2016) Preliminary identification of avian species from a wetland environment in the southern Rio Grande do Sul. **Poster presentation at VIII Seminário de Energia e Meio Ambiente (VIII SEMA)**. Regional Academic Meeting *
- 2016 **Barreto CT**, Nauderer R (2016) Limitations and Possibilities on implantation of National Plans for Biodiversity Conservation. *VIII Seminário de Energia e Meio Ambiente (VIII SEMA)*. **Poster presentation at** Regional Academic Meeting *
- 2012 Britto VO, **Barreto CT**, Faria FA, Bugoni L (2012) Feeding ecology of *Platalea ajaja* (Roseate Spoonbill) and *Ardea alba* (Great Egret) in two locations in southern Brazil. *II Congreso Uruguayo de Zoología*. International Congress *
- 2012 Brum RJ, Varela-Junior AS, Britto VO, **Barreto CT**, Bugoni L (2012) Avaliação do uso de micronúcleos em aves aquáticas (*Ardea alba*, *Ardea coccoi* e *Platalea ajaja*) no monitoramento de poluição por metais. (Use of micronucleus in waterbirds species (*Ardea alba*, *Ardea coccoi* and *Platalea ajaja*) on environmental monitoring of metal pollution). *11° Mostra de Produção Universitária (11° MPU)*. Academic Meeting *
- 2012 Oliveira PC, Silva TP, **Barreto CT** (2012) Biomonitoring of lentic environments using macrophytes as bioindicators. *II Fórum Mundial de Educação Profissional e Tecnológica*. International Meeting *
- 2012 Maciel MRS, Avila AC, **Barreto CT** (2012) Management of waste on small pig farms in Pelotas-RS. *II Fórum Mundial de Educação Profissional e Tecnológica*. International Meeting *
- 2012 Silveira SCR, **Barreto CT**, Bourscheid JLW (2012) Reviewing paradigms: discussing about prevention, improvement, and environmental conservation. *II Fórum Mundial de Educação Profissional e Tecnológica*. International Meeting *
- 2012 Maciel MRS, **Barreto CT** (2012) Waste management in furniture manufacturing: case study. *V Jornada de Iniciação Científica e Tecnológica do IFSUL (V JIC IFSUL)*. Academic Meeting *
- 2011 **Barreto CT**, Pereira RS (2011) Use of microorganisms as bioindicators on environmental quality monitoring. **Poster presentation at XIV Congresso Latino Americano de Ciências do Mar (XIV COLACMAR)**. Latin American Congress *

Publications

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Abstracts and Presentations on Events

- 2011 **Barreto CT**, Pereira RS (2011) Research achieves the community: a conversation about health and eutrophication with coastal residents from Pelotas/RS. **Poster presentation at XIV Congresso Latino Americano de Ciências do Mar (XIV COLACMAR)**. Latin American Congress * **Presentation also in 31º Encontro de Debates sobre o Ensino de Química**. Academic Meeting *
- 2011 **Barreto CT**, Pereira RS (2011) Water quality: who determines and for whom? **Poster presentation at 3º Encontro e Diálogos com a Educação Ambiental (3º EDEA)**. Educational Academic Meeting *
- 2011 Maciel MRS, Avila AC, **Barreto CT** (2011) Administration and environmental management on small pig farms of Pelotas-RS. *IV Jornada de Iniciação Científica e Tecnológica do IFSUL (IV JIC IFSUL)*. Academic Journey * Also in: *I Workshop da Gestão Ambiental do IFSUL-CAVG*. Workshop *
- 2011 Moraes DK, **Barreto CT** (2011) Responsibilities of an Environmental Technician at Water Treatment Stations. *IV Jornada de Iniciação Científica e Tecnológica do IFSUL (IV JIC IFSUL)*. Academic Meeting *
- 2011 Nobre JL, Moraes DK, **Barreto CT** (2011) Environmental Management of fishing lead. *IV Jornada de Iniciação Científica e Tecnológica do IFSUL (IV JIC IFSUL)*. Academic Meeting *
- 2011 Barreiro CB, Netto LL, Araujo RM, **Barreto CT**, Peres JL (2011) Report of an experience in educational development through autobiography. **Presentation at VI Encuentro Iberoamericano de Colectivos Escolares y Redes de Maestras y Maestros**. Ibero-American Meeting *
- 2011 **Barreto CT**, Netto LL, Araujo RM, Barreiro CB, Pinto CLL, Araujo RA (2011) Autobiography: report of an experience in distance post-graduation course for school teachers. **Poster presentation at IV Seminário Nacional de Formação de Professores**. National Academic Meeting*
- 2010 **Barreto CT**, Pereira RS (2010) Use of cyanobacteria as an indicators of the environmental pollution degree in water resources. **Poster presentation at XI Congresso Brasileiro de Ecotoxicologia (XI ECOTOX)**. National Congress *
- 2010 Araujo RM, Netto LL, **Barreto CT**, Barreiro CB (2010) Autobiography: report of an experience in distance education. *I Congresso Internacional de Educação à Distância da UFPEL*. International Congress *
- 2010 **Barreto CT**, Pereira RS (2010) Environmental quality monitoring: use of cyanobacteria as bioindicators of pollution. **Poster presentation at XIX Congresso de Iniciação Científica (XIX CIC)**. Academic Congress *
- 2010 **Barreto CT**, Pereira RS (2010) Application of cyanobacteria as bioindicators of pollution by domestic effluent. **Presentation at 9º Mostra de Produção Universitária (9º MPU)**. Academic Meeting*
- 2010 **Barreto CT**, Castro RI, Gouvea LP, Sassi JS, Rodriguez RC (2010) Investigation about students' life experiences: propositions for pedagogical practices. **Presentation at 9º Mostra de Produção Universitária (9º MPU)**. Academic Meeting *
- 2010 **Barreto CT**, Barreiro CB (2010) Autobiographical narratives in Distance Education: limitations and possibilities. **Poster presentation and talk at III Jornada de Iniciação Científica e Tecnológica do IFSUL (III JIC IFSUL)**. Academic Meeting *
- 2010 Peres JL, Barreiro CB, Netto LL, **Barreto CT**, Araujo RM (2010) Tuesday group: sharing experiences and researches. *III Jornada da Produção Científica da Educação Profissional e Tecnológica (III JIC)*. Academic Meeting *
- 2009 Valente BS, Rodrigues CG, **Barreto CT**, Manzke NE, Xavier EG (2009) Pedagogical training for graduate students in zootechnics: necessary or unnecessary? *XVIII Congresso de Iniciação Científica (XVIII CIC)*. Academic Congress *
- 2008 **Barreto CT**, Villela LM, Blois FMD (2008) Algae as producers of toxins: genrera found in São Gonçalo and Santa Barbara Rivers and in Lagoa dos Patos lagoon. **Presentation at 3 Semana Acadêmica de Tecnologia Ambiental**. Academic Meeting *
- 2008 **Barreto CT**, Villela LM, Blois FMD, Antunez HCS, Meinerz LI (2008) Effects of pollutants on growth of *Oscillatoria* sp. under laboratory controlled conditions. **Presentation at II Jornada de Iniciação Científica e Tecnológica do IFSUL (II JIC IFSUL)**. Academic Meeting *

Publications

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Abstracts and Presentations on Events

- 2008 **Barreto CT**, Villela LM, Blois FMD, Antunez HCS (2008) Neurotoxins and hepatotoxins: producer genera and symptoms of human poisoning. **Poster presentation at II Jornada de Iniciação Científica e Tecnológica do IFSUL (II JIC IFSUL)**. Academic Meeting *

Technical Reports

- 2020 **Barreto CT** (2020) Aquatic Biodiversity Monitoring Program – Annex 6 Seabirds' Contamination. Rede Rio Doce Mar Second Year Report. Research report to Federal Public Ministry for evaluation of effects of Mariana's dam disaster *
- 2019 **Barreto CT** (2019) Aquatic Biodiversity Monitoring Program – Annex 6 Seabirds' Contamination. Rede Rio Doce Mar Annual Report. Research report to Federal Public Ministry for evaluation of effects of Mariana's dam disaster *
- 2019 **Barreto CT** (2019) Biodiversity Monitoring Program of Rio Doce, and coastal and marine adjacent regions – Birds. *SISBio*. Research report for a Federal Conservation Units*
- 2018 **Barreto CT**, Steenbock W, Santos RA (2018) Integrated actions for improvement of the conservation status of threatened species. CNPq Reports. Research report *
- 2018 **Barreto CT**, Faria FA, Gaiotto JV, Oliveira G, Bugoni L (2018) Monitoring of the avifauna from Rio Grande Port. Porto de Rio Grande Evaluation Reports. Research report for the port activity license *
- 2012 **Barreto CT**, Bugoni L (2012) Waterbirds as indicators of contamination by metals in Southern Brazil wetlands. *SISBio*. Research report for a Federal Conservation Units *
- 2008 **Barreto CT**, Villela LM, Blois FMD, Antunez HCS (2008) Relationship between pollutants and growth rates of Cyanobacteria, Bacillariophyta, and Pyrrophyta. Research report *

Institutional Guides and Course Material

- 2011 **Barreto CT** (2011) Conteúdos Prof. Cindy Barreto (Course material Prof. Cindy Barreto). A website with material for Classes of Graduate Courses (*Environmental Management, Agribusiness, and Viticulture and Enology*) IFSUL-CAVG. <https://sites.google.com/site/profcindycavg/>*
- 2011 **Barreto CT** (2011) Tecnologia Ambiental (Environmental Technology). A website with material for Online Classes of Technician in Agribusiness IFSUL-CAVG (institutional login required). <http://ava.cavg.ifsul.edu.br/>*
- 2010 **Barreto CT**, Bourscheid JLW, Dominguez LAE, Leitzke CP, Zibetti VK, Bento MV (2010) Pedagogic and Curricular Project for the Undergraduate Course of Bachelor of Technology Environmental Management. *Curricular Project for Undergraduate Course of Environmental Management*. IFSUL-CAVG *

Local Media Wordings

- 2007 **Barreto CT** (2007) Clandestine landfill threatens local flora. *Diário da Manhã*. Local Newspaper *

Pioneer Projects

- 2013 Maciel LNL, Bandeira AP, **Barreto CT**, Leitzke CP, Leitzke RB, Silva RBP (2013) Women and their knowledge: Thousand Women program. *Federal Government Pioneer Project in learning, gender equality, and Solidarity Economy Area*. IFSUL Coordination*

Conferences Attendee

Panelist

- 2021 Caseiro-Silva F, Faria FA, **Barreto CT**, Fernandez CN, Bugoni L (2021) Colonial waterbirds provide persistent subsidies to swamp forests along an estuarine island food chain. *Tuesday Evening Seminars (TES)*, Department of Ecology and Evolutionary Biology, University of Connecticut. Local Meeting

Conferences Attendee

Panelist

2021	Barreto CT (2021) Concentrations of cadmium in egrets and spoonbills: influence of colony location, tissue, and foraging strategies. <i>EEB Graduate Symposium, University of Connecticut</i> . Local Academic Meeting
2020	Barreto CT (2020) Trace elements levels in seabirds: a comparison between before and after a dam failure event in Brazil. <i>Tuesday Evening Seminars (TES), Department of Ecology and Evolutionary Biology, University of Connecticut</i> . Local Meeting
2020	Barreto CT , Fernandez CN (2020) Birds Biodiversity and Ecology. <i>V Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester</i> . Academic Summer Course
2019	Barreto CT (2019) Birds Biodiversity and Ecology. <i>IV Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester</i> . Academic Summer Course
2018	Barreto CT , Fernandez CN, Gaiotto JV, Costa LASM, Soares LO, Muraro V (2018) Scientific taxidermy of marine birds and Shorebirds. <i>XXX Semana Nacional de Oceanografia</i> . National Academic Meeting
2018	Barreto CT , Oliveira G, Fernandez CN, Gaiotto JV (2018) Seabirds and Shorebirds. <i>XX Jornada Biológica FURG</i> . Academic Meeting
2018	Barreto CT , Faria FA, Fernandez CN (2018) Birds Biodiversity and Ecology. <i>III Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester</i> . Academic Summer Course
2017	Barreto CT , Faria FA, Bosermecker C (2017) Birds Biodiversity and Ecology. <i>II Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester</i> . Academic Summer Course
2012	Barreto CT (2012) Management of Conservation Units: use of bioindicators for environmental quality monitoring. <i>II Semana do Meio Ambiente UFPEL</i> . Academic Meeting
2010	Barreto CT , Araujo LT (2010) Popular Education. <i>Nicho do Conhecimento Pedagógico</i> . Lectures cycle
2009	Barreto CT , Meinerz LI (2009) Phycotoxicity as a consequence of eutrophication. <i>II Ciclo de Palestras Sócioambientais</i> . Lectures cycle

Moderator

2018	Barreto CT (2018) Consolidation of the National Plan for Conservation of Freshwater Ecosystems in Southern Brazil – PAN Lagoas do Sul. <i>Oficina de Consolidação do PAN Lagoas do Sul, ICMBio</i> . National Meeting
2017	Barreto CT (2017) Elaboration of the National Plan for Conservation of Freshwater Ecosystems in Southern Brazil – PAN Lagoas do Sul. <i>Oficina de Elaboração do PAN Lagoas do Sul, ICMBio</i> . National Meeting
2010	Barreto CT , Leitzke CP (2010) Minimization of environmental impacts: the role of cooperatives in separation/gathering of residues in the Federal Institutes Sphere. <i>II Fórum Mundial de Educação Profissional e Tecnológica</i> . International Forum

Events Coordination

2010	<i>O Maravilhoso Mundo dos Esportes</i> . Lectures cycle
2010	<i>II Semana Acadêmica do Curso Superior Tecnologia em Gestão Ambiental</i> . Academic Meeting
2010	<i>Fazendo Ciência com Darwin</i> . Lectures cycle
2010	<i>XI Semana Acadêmica da Biologia</i> . Academic Meeting

Abstracts and Presentations Evaluator

2011	<i>IV Jornada de Iniciação Científica e Tecnológica do IFSUL (IV JIC IFSUL)</i> . Academic Journey
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Participant

2022	<i>The Society for Integrative Biology Annual meeting SICB 2022</i> . National Meeting
2021	<i>Research Frontiers in Animal Behavior & Parasitism</i> . Virtual. National Meeting
2020	<i>7 Anos do GEAS-UFSC Curitiba: Medicina, Biologia e Conservação de Animais Marinhos</i> . Virtual. National Meeting
2020	<i>VII NAOC – North American Ornithological Conference</i> . Virtual. International Meeting

Conferences Attendee

Participant

2020	<i>ESA Virtual Meeting – Harnessing the ecological data revolution</i> . Virtual. International Meeting
2020	<i>I Simpósio de Inovação e Tecnologia em Parasitologia da UFSC: Soluções Inovadoras para Antigos Problemas</i> . Virtual. International Meeting
2019	<i>XXVI Congresso Brasileiro de Ornitologia</i> . Vila Velha, ES, Brazil. National Congress
2018	<i>II Encontro Rota dos Butiazais</i> . Pelotas, RS, Brazil. Internacional Meeting
2018	<i>Audiência Regional do Plano da Bacia Hidrográfica da Lagoa Mirim e Canal São Gonçalo</i> . Rio Grande, RS, Brazil. Local Meeting
2017	<i>III Workshop Desenvolvimento e aplicação de ferramentas novas e alternativas para fins de regulamentação ambiental no Sul do Brasil</i> . Rio Grande, RS, Brazil. Regional Meeting
2015	<i>I Seminário de Monitoramento de Aves Silvestres em Unidades de Conservação de Santa Catarina</i> . Florianópolis, SC, Brazil. National Meeting
2015	<i>VII Simpósio de Energia e Meio Ambiente (VII SEMA)</i> . Pelotas, RS, Brazil. Academic Meeting
2013	<i>V Encontro Regional-Sul da Rede de Incubadoras Tecnológicas e Cooperativas Populares</i> . Canoas, RS, Brazil. Academic Meeting
2013	<i>Encontro Nacional de Incubadoras e Programas/Projetos Universitários de apoio à Economia Solidária</i> . Brasília, DF, Brazil. Academic Meeting
2013	<i>A Responsabilidade dos Municípios na Política Nacional de Resíduos Sólidos</i> . Porto Alegre, RS, Brazil. Seminar
2012	<i>Seminário de Formação e Intercâmbio do Segmento Reciclagem das ITCP's do Rio Grande do Sul</i> . Pelotas, RS, Brazil. Academic Seminar
2011	<i>Seminário de Ensino Superior de Graduação do IFSUL</i> . Pelotas, RS, Brazil. Institutional Seminar
2011	<i>1ª Semana Acadêmica do Curso Técnico em Meio Ambiente (AMBITEC)</i> . Pelotas, RS, Brazil. Academic Meeting
2011	<i>Mudanças no Código Florestal</i> . Pelotas, RS, Brazil. Academic Seminar
2010	<i>VIII Encontro de Pesquisa em Educação da Região Sul (ANPEDSUL)</i> . Londrina, PR, Brazil. Regional Meeting
2009	<i>IV Semana Acadêmica de Tecnologia Ambiental</i> . Pelotas, RS, Brazil. Academic Meeting
2007	<i>II Ciclo de Palestras Socioambientais</i> . Pelotas, RS, Brazil. Symposium
2007	<i>Seminário de Empreendedorismo</i> . Pelotas, RS, Brazil. Academic Seminar
2007	<i>IX Semana Acadêmica da Biologia</i> . Pelotas, RS, Brazil. Academic Meeting
2007	<i>Simpósio Gaúcho de Tecnologia em Gestão Ambiental</i> . Pelotas, RS, Brazil. Symposium

Professional Experiences

2021 – present	Graduate Assistant , University of Connecticut (UConn) - Teaching, assessments, and weekly reports preparation.
2018 – 2021	Environmental Analyst – Senior Researcher , Rede Rio Doce Mar (RRDM), Aquatic Biodiversity Monitoring Program, Fundação Espírito-Santense de Tecnologia (FEST). Affiliation: Waterbirds Laboratory, Universidade Federal do Rio Grande (FURG) - Bird sampling, analysis of trace elements and organic contaminants, and general laboratory duties
2015 – 2018	Researcher , National Research Center of Marine Biodiversity Conservation – Southern Brazil Unit (CEPERG), Chico Mendes Institute for Biodiversity Conservation (ICMBio) - Collect and analyze data, semiannual reports, meetings participation/organization, and elaboration of a national plan for freshwater environments conservation in southern Brazil
2012 – 2013	Post-Secondary Course Coordinator , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) - Management of human and financial resources, overall course planning, assessments review, and weekly reports review and preparation
2012 – 2013	Post-Secondary Invited Professor , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) - Overall course planning, teaching, assessments, and weekly reports preparation. Classes: Communication Techniques; Health, Security and Human Resources

Professional Experiences

2010 – 2012	Professor , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) <ul style="list-style-type: none">- Development of the overall course planning, teaching, assessments, and weekly reports. Founded the Research Group on Bioindicators of Environmental Quality (2010-2012), which had the participation of eight students. Member of the Campus Waste Management Commission (2011-2012). Courses: Applied Biology; Biomonitoring; Biosecurity; Environmental Remediation and Conservation; Atmospheric Emissions; Microbiology; Environmental Management and Sustainability; Environmental Management; Water Treatment
2010	Technician Invited Professor , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) <ul style="list-style-type: none">- Created the webpage of the Environmental Management Course (for students from 2010 on), teaching, assessments, and weekly reports. Course: Environmental Management

Volunteer Experiences

2011 – 2018	Researcher , Waterbirds Laboratory, Universidade Federal do Rio Grande (FURG)
2012	Researcher , Solidarity Economy Unit (NESOL), Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL)
2011 – 2012	Researcher , Narrative Studies in Education Group (GENE), Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL)
2009 – 2010	Technician volunteer , Environmental Studies Unit (NEMAPEL), Universidade Federal de Pelotas (UFPEL)
2009 – 2010	Secretary volunteer , Academic Directory of Biological Science (DACB), Universidade Federal de Pelotas (UFPEL)
2009	Invited tutor , Advanced Calculus for undergraduate courses, Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL)

Collaboration in Scientific and Conservation Projects

More information available at <https://cindybarreto.github.io>

2020 – 2021	Effects of urbanization on interactions between Darwin's finches and their introduced parasites in the Galápagos Islands
2018 – 2021	Lateral subsidies from aquatic to terrestrial environments mediated by vertebrates: similarities and contrasts between marine and estuarine islands
2018 – 2021	RETER-TRINDADE: Recovery of the Terrestrial Ecosystem of the Island of Trindade, avoiding the extinction of endangered species
2017 – 2021	Monitoring of the Ornithofauna of the Port of Rio Grande
2017 – 2021	Long-term studies to assess natural and anthropic impacts in the Lagoa dos Patos estuary and adjacent marine coast
2010 – 2021	Waterbirds in the Rio Grande do Sul: distribution, ecology, and conservation

Languages

English, Portuguese, Spanish, French, and Latin (basic)

References

Prof. Dr. Margaret Rubega – Ph.D. supervisor

University of Connecticut (UConn), Department of Ecology and Evolutionary Biology (EEB), Rubega Lab.

75 N. Eagleville Road, Unit 3043. Storrs, Connecticut, USA. Postal code 06269-3043.

Office Phone: +1 860 486 4502. E-mail: margaret.rubega@uconn.edu

Dr. Roberta Aguiar dos Santos

National Research Center of Marine Biodiversity Conservation – Southern Brazil Unit (CEPERG), Chico

Mendes Institute for Biodiversity Conservation (ICMBio).

S/N Avenida Ely Castro. Itajaí, Santa Catarina, Brazil. Postal code 88301-445.

Office Phone: +55 47 3348 6058. E-mail: roberta.santos@icmbio.gov.br