

Ana Carolina Esteves Dias, PhD

She, her

School of Environment, Enterprise and Sustainability, Faculty of Environment

University of Waterloo

200 University Ave W, Waterloo, ON N2L 3G1, Canada

☎ +1 519 588 3427

✉ acesteve@uwaterloo.ca

<https://orcid.org/0000-0001-6475-6227>

EDUCATION AND DEGREES

2016 - 2020 **Ph.D. in Social and Ecological Sustainability**

University of Waterloo, Canada

Title: *Linking cultural ecosystem services and wellbeing to improve the design and implementation of coastal conservation initiatives under conditions of rapid change.*

Supervisor: Derek Armitage, PhD. Grantee of: University of Waterloo, WEBS Project SSHRC (PI: D. Armitage)

2017 **Visiting researcher**

University of São Paulo (EEL/USP), Brazil

Supervisor: Teresa de Paiva, PhD - Department of Environmental Engineering

2016 **Earth Science Centre Fellow**

National Institute of Space Research, Brazil

Supervisor: Jean Ometto, PhD, Earth Science Center, INPE

Grantee of: National Council for Scientific and Technological Development (CNPq)

2013 - 2015 **Master's in Ecology (with distinction)**

University of Campinas (UNICAMP), Brazil

Dissertation title: *Fisheries participatory monitoring at Tarituba community, Paraty (Brazil): reconciling conservation and small-scale fisheries.*

Supervisor: Cristiana Seixas. Grantee of: CNPq

2014 - 2015 **Academic Exchange**

Patagonian Research Center (CenPat), Argentina

Supervisors: Lobo Orensanz, Ana Parma, Ana Cinti

Grantee of: Santander Bank International Mobility Award

2014 **Licentiate Degree/ Teaching Certificate in Biological Sciences**

University of Campinas, Brazil

2009 - 2012 **Bachelor of Science in Biological Sciences**

University of Campinas, Brazil

Monography title: *Environmental Conservation in Paraty, RJ (Brazil): Challenges to Putting Science into Practice.* Supervisor: Cristiana Seixas

Grantee of: National Council for Scientific and Technological Development (CNPq)

Professional interests

- Community engagement
- Environmental governance
- Science-policy interface
- Transdisciplinary research

Languages

- English
- Spanish
- French
- Portuguese

Research and outreach funded projects

- 2020 – 2028 [V2V Global Partnership](#) (PI: P. Nayak, University of Waterloo)
- 2016 – 2020 [Wellbeing ecosystem-services bundles](#) (PI: D. Armitage, University of Waterloo)
- 2016 [N-net Nitrogen Human Environment Network](#) (PI: J. Ometto, INPE)
- 2014 – 2016 [Community Conservation Research Network](#) (PI: A. Charles, St Mary's University)
- 2013 – 2015 [Community learning centres on integrated conservation and development](#) (PI: Cristiana Seixas, University of Campinas)
- 2013 – 2015 [Integrated and Shared Management of Coastal-Marine Territories: Implications for Artisanal Fisheries and Biodiversity Conservation](#) (PI: Cristiana Seixas, University of Campinas)
-

Peer Reviewed Publications

- MORAES A, FARINACI J, PRADO D, ARAUJO L, **DIAS ACE**, UMMUS R, SEIXAS CS. What comes after crisis? Key elements and insights into feedbacks amplifying community self-organization. *Ecology and Society* (accepted, ES-2022-13598).
- GIANELLI I, TRIMBLE M, ROSA S, BERETTA NA, **DIAS ACE**, VILASANTE S. (2022). Weaving the future: seeds of change in small-scale fisheries of Uruguay. *Tekopora. Revista Latinoamericana De Humanidades Ambientales Y Estudios Territoriales*. ISSN 2697-2719, 4(1). 121-149. <https://doi.org/10.36225/tekopora.v4i1.150>
- **DIAS ACE**, ARMITAGE D, and TRANT A (2022) Uncovering well-being ecosystem services bundles (WEBs) under conditions of social-ecological change in Brazil. *Ecology and Society* 27(1):44. <https://doi.org/10.5751/ES-13070-270144>
- **DIAS ACE**, ARMITAGE D [Ecosystems, communities and canoes: Using Photovoice to understand relationships among coastal environments and social wellbeing](#). In: Gustavsson M, White C, Phillipson J, Ounanian K (eds) **Researching People and the Sea: methodologies and traditions**. Palgrave Macmillan, 2021.
- NAYAK P, **DIAS ACE**, PRADHAN S [Traditional Fishing Community](#). In: Leal Filho W (ed) **Encyclopedia of the UN Sustainable Development Goals**. Life Below Water. Springer Nature.
- ARMITAGE D, ANDREWS EJ, BLYTHE J, **DIAS ACE**, NAYAK P, PITTMAN J, SULTANA S Governance and the process of (de)commonization. In: Nayak P (ed) [Making Commons Dynamic](#): Understanding Change Through Commonisation and Decommunisation. Routledge, 2021, 382 p.
- ARMITAGE D, **DIAS ACE**, MUHL EK, MAKINO M, LEM T, LOUCKS L, SUGIMOTO A (2021). [Governance and community conservation](#). In: A. Charles (ed.) (2021) **Communities, conservation and livelihoods**. Gland, Switzerland: IUCN and Halifax, Canada: Community Conservation Research Network.
- **DIAS ACE**, CINTI A, PARMA, AM, SEIXAS CS (2020) [Participatory monitoring of small-scale coastal fisheries in South America](#): Use of fishers' knowledge and factors affecting participation. *Reviews in Fish Biology and Fisheries*, 30:313–333.
- **DIAS ACE** (2020) [Linking ecosystem services and wellbeing to improve coastal conservation initiatives under conditions of rapid social-ecological change](#). PhD Dissertation, University of Waterloo. 152p.
- **DIAS ACE**, SEIXAS CS. [Local ecological knowledge of Tarituba fishers \(Brazil\)](#): An empirical contribution to fisheries management with an ecosystem approach. In: Seixas CS, Vieira PF, Medeiros RP (eds) *Governance, Conservation and Development in Coastal-Marine Territories in Brazil*. São Carlos: RiMa Editora, pp. 265-290, 2020 [original in Portuguese]
- BLYTHE J, ARMITAGE D, ALONSO G, CAMPBELL D, **DIAS ACE**, EPSTEIN G, ... & NAYAK P (2020) [Frontiers in coastal well-being and ecosystem services research](#): A systematic review. *Ocean & Coastal Management*, 105028.
- MUHL EK, **DIAS ACE**, ARMITAGE D (2020) [Experiences with governance in three marine conservation zoning initiatives](#): Parameters for assessment and pathways forward. *Frontiers in Marine*

Science, 7, 629.

- PRADO D, ARAUJO LG, CHAMY P, **DIAS ACE**, SEIXAS C (2020) [Social participation in conservation management councils: normative advances and the view of ICMBio \[governmental\] stuff](#). *Ambiente & Sociedade*, 23.
- **DIAS ACE**, SEIXAS CS (2019) [Participatory design of the Small-Scale Fisheries' Monitoring Protocol at the community of Tarituba](#), Paraty, RJ, Brazil. *Ambiente & Sociedade*, 22.
- **DIAS ACE**, SEIXAS CS (2017) [Environmental Conservation in Paraty](#), RJ (Brazil): Challenges to Putting Science into Practice. *Biodiversidade Brasileira*, 22:1-22.
- BAVINCK M, BERKES F, CHARLES A, **DIAS ACE**, DOUBLEDAY N, NAYAK P, SOWMAN M (2017) [The impact of coastal grabbing on community conservation](#): a global reconnaissance. *Maritime Studies*, 16(8): 1-17.
- SEIXAS CS, **DIAS ACE**, DE FREITAS RR. [Navigating from Government-centralized Management to Adaptive Co-management in a Marine Protected Area, Paraty, Brazil](#): Turbulence, Winds of Opportunity, and Progress Towards Transformation. in: Armitage D, Charles A, Berkes F. (eds). **Governing the Coastal Commons Communities, Resilience and Transformation**. New York: Routledge, pp. 157-180, 2017.
- **DIAS ACE** (2015) [Fisheries participatory monitoring at Tarituba community, Paraty \(Brazil\)](#): reconciling conservation and small-scale fisheries. MSc. Dissertation, University of Campinas, 188p.
- ISLAS CA, **DIAS AC**, SEIXAS CS (2015) [Protected Areas in PARATY Bay, Brazil](#): Two Caçara communities contribute to fisheries and terrestrial biodiversity conservation. **Community Conservation Research Network**. Halifax, Nova Scotia.

Edited Volume

- ARAUJO LG, **DIAS ACE**, ISLAS C, PRADO DS, DE FREITAS RR, SEIXAS CS (eds) [Caçaras e caipiras: uma prosa sobre natureza, desenvolvimento e cultura](#) - 7 anos de pesquisa e extensão universitária. University of Campinas Press, Campinas, 2017. 68p
- SAVINO A, **DIAS ACE**, ... OLIVEIRA R (eds) X Biology Students National Conference: Book of abstracts. University of Campinas Press, Campinas, 2013. 180p.

Main work published in scientific events (selected)

- **DIAS ACE** (2019) Wellbeing dynamics in the context of accelerated changes in *Caçara* communities of the Southeast coast of Brazil. Proceedings of the I Forum of Environmental Governance of the Sao Paulo Macrometropolis, 247-250. [original in Portuguese]
- ISLAS CA, GOUVEA S, **DIAS ACE**, ARAUJO LA, SEIXAS CS Participatory monitoring of natural commons in Brazil: lessons from the literature and the field. Community, Conservation & Livelihoods. Halifax, Canada. May/June 2018.
- **DIAS ACE**, CINTI A, SEIXAS CS (2015) Participatory monitoring of small-scale fisheries in Brazil and the Southern Cone: a literature review. The Digital Library of the Commons.
- CHAMY P, **DIAS ACE**, DE FREITAS RR, ISLAS C, SEIXAS CS Conocimiento ecológico local para co-gestión em áreas protegidas com base en la Etnoecología Abrangente (Local ecological knowledge for co-management in protected areas based on Broad Ethnoecology). V Congreso Latinoamericano de Etnobiología, 2017, Quito, Ecuador.
- SEIXAS CS, **DIAS ACE**, ISLAS CA **Who should care for nature? Perceptions of Caicara communities and protected area managers/staff in Paraty, Brazil**. In: 15th Biennial Global Conference International Association for the Study of the Commons, 2015, Edmonton. IASC 2015 Book of Abstracts. Edmonton: 2015. v.1. p.1 – 339.
- PRADO DS, ARAUJO LG, CHAMY P, **DIAS ACE**, SEIXAS CS (2015) Advisory Councils in Brazilian Protected Areas: Reflections on the Social Participation, Challenges, and Opportunities. Proceedings of the II Latin America Meeting on Protected Areas and Social Inclusion, Florianopolis, Brazil. [original in Portuguese]

Technical Production

- GIANELLI I, TRIMBLE M, ROSA S, BERETTA N, **DIAS ACE**, VILLASANTE S (2021) Catálogo Transformador de la Pesca Artesanal. *Ciclo: Saberes sobre la mesa. Hacia sistemas y prácticas alimentarias sostenibles*. Instituto Sudamericano para Estudios sobre Resiliencia y Sostenibilidad (SARAS), Maldonado, Uruguay. DOI: 10.5281/zenodo.6477844
- SEIXAS CS, ISLAS CA, DIAS AC **Research report of the Community Conservation Research Network project**, 2015, 2016, 2017 and 2018.
- Contributed to a review on cultural-non-material ecosystem services in coastal systems in the Americas (SEIXAS, CS – [IPBES](#)).
- SEIXAS CS, MORAES A, **DIAS ACE**, ISLAS C, ARAUJO LG (2016) **Narrative Report** for Brazilian study sites. Community Conservation Research Network.
- SEIXAS CS, ISLAS C, **DIAS ACE**, MORAES A (2015) **Narrative Report** for Brazilian study sites. Community Conservation Research Network.
- SEIXAS CS, FARINACI JS, BAHIA N, ARAUJO LG, PRADO DS, **DIAS ACE**, PEREIRA LA, CHAMY P (2013) Learning communities on conservation and local development. Outreach project - **Synthesis report**. University of Campinas.

Book and manuscript review

- Review of Guilloreau P, Bundy A, Perry I (eds) Global change in marine systems: Integrating natural, social and governing responses. NY: Routledge, 2018. 329p.
- Review of Dunmall KM, Reista JD. Citizen science facilitates collaborative management by bridging scientific and indigenous knowledge systems. Proceedings of Impacts of a Changing Environment on High-latitude Fish and Fisheries. Fairbanks: Alaska Sea Grant.
- Ad hoc reviewer for *the journals: Ecology and Society, Journal of Environmental Management, Science of the Total Environment and Journal of Environmental Management*, TBTI ebooks.

Public Scholarship Publications

- **DIAS ACE**, CEBALLOS-CONCHA A (2019) [Urbanization Trade-offs in the Tourism Sector in the Fishing Community of Picinguaba, Brazil](#). Women & Environments International Magazine, 100/101: 67-69.
- **Dias ACE** (2017) [Fisheries monitoring, Tarituba, Brazil](#). In The Spotlight: Student Research in Community Conservation. Community Conservation Research Network, Halifax.
- **DIAS ACE** (2016) [Guide: How to Write a Literature Review](#). National Institute for Space Research – INPE, São José dos Campos, 22p. [original in Portuguese]
- **DIAS ACE**, SEIXAS CS. (2013). Mobilizing knowledge on nature conservation and sustainable development in conservation units in Paraty, RJ. Bahia NC, Bokstael E, Seixas CS (eds). Community Management of Natural Resources and Food Security in Paraty, Rio de Janeiro, 2013. 73p. [original in Portuguese]

Translation

- [OceanMOOC \(2016\)](#), module 1.4 Human influence on the Ocean. Ocean Massive Open Online Course. Video. (From English to Portuguese).

Manuscripts in submission

- **DIAS ACE** et al. From vulnerability to viability: A situational analysis of small-scale fisheries in Asia and Africa (in review).
- ANDREWS E, **DIAS ACE** et al. Human dignity in natural resource social sciences career pathways. In: *Opening Windows: Emerging Perspectives, Practices, and Opportunities in Natural Resource Social Sciences*. Taylor & Francis Group (accepted).
- **DIAS ACE**, ARMITAGE D, MARSCHKE M, NAYAK P. Blue for whom? Stakeholder perception on

mismatches in MPA governance fit reveals challenges and opportunities towards blue justice (under review).

- **DIAS ACE**, SANCHES R, GERHARDINGER L. Aquatic systems and resources. Submitted to Seixas et al. (eds) Common Resource Management: Theoretical and Applied Perspectives.
- PRADHAN S, **DIAS ACE**, NAYAK P. Happiness and subjective wellbeing: Are they inherently linked? In: Chettri S et al. (eds) Science of happiness. (Under review)
- **DIAS ACE**, PALEČEK P, PARDO J, HARTMAN S, LAGO L, RECH T, ALMEIDA L. Useful tools for Environmental Education caption: Spread of knowledge without being boring. Submitted to Oliveira et al. (eds) Challenges on ocean governance: connecting science and public policies (Under review).
- ZAMORA O, **DIAS ACE**, AVILA R. Transdisciplinarity for the oceans: integrating science for solving social-environmental conflicts. Submitted to Oliveira et al. (eds) Challenges on ocean governance: connecting science and public policies (Under review).

Awards and Recognitions

- 2021 Nominated as Expert of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) Nexus Assessment.
- 2019 UW International Doctoral Student Award \$4,260
- 2018 Oral presentation award: Dias, A.C.E. A social-ecological systems approach to govern coastal ecosystems under conditions of rapid change. Leveraging systems approach to improve human and planetary health workshop, The University of Waterloo Institute for Complexity & Innovation (WICI), April 25-26.
- 2018 UW International Doctoral Student Award \$11,000
- 2018 UW International Travel Award \$1,000
- 2017 R.S. Dorney Memorial Fellowship for outstanding students in Environment and Resource Studies.
- 2017 Environmental Studies Graduate Experience Award for outstanding students.
- 2016 Rotary Club Recognition for the brilliant speech “The artisanal fishing in no-take Protected Areas in Brazil: challenges and opportunities” Lorena, Brazil.
- 2016 Environment and Resource Studies Graduate Experience Award \$5,000.
- 2015 MSc. in Ecology with distinction (high complements of the examining committee).

Scholarship and Research Funding

- 2019 Davis Memorial scholarship in Ecology for distinct students \$5,000.
- 2018-19 SSHRC Insight Grant (2016-21) - Social wellbeing and ecosystem service bundles in coastal systems experiencing rapid change (Applicants: Armitage, Nayak, UW and Marschke, UO) \$327,160 total.
- 2018 Granted a scholarship for participation at the São Paulo School of Advanced Science on Ocean Interdisciplinary Research and Governance, University of São Paulo, (Aug).
- 2017 Granted (1/5) scholarship for non-European students to participated in the summer school ‘Biodiversity, ecosystem services: science and its impact on policy and society’ organized by ALTER-Net (Aug-Sept).
- 2017 Davis Memorial scholarship in Ecology for distinct students \$5,000.
- 2016 UW Graduate Studies Fund Scholarship \$ 1,000
- 2016 CNPq1 Fellow at the National Institute for Space Research (INPE, Brazil) \$ 6,000.
- 2014-15 Santander Bank International Mobility Award \$4,500
- 2014-15 CAPES2 research funding for Ocean science (call 09/2009, 2010-15) (P Vieira UFSC, Co-applicant: CS Seixas, UNICAMP) \$700,000 total.
- 2013 CNPq Master’s Research Scholarship \$12,500
- 2012 CNPq Honors Thesis Scholarship \$2,000

¹ National Council for Scientific and Technological Development (CNPq), Government of Brazil.

² Coordination for the Improvement of Higher Education Personnel (CAPES), Government of Brazil.

- 2012-2015 SSHRC Partnership Grant, Community Conservation Research Network (T Charles, St. Mary's, Co-applicant: CS Seixas, UNICAMP) \$2.5 million total.
- 2012-14 IDRC Research grant (2009-14) - Community-Based Resource Management and Food Security in Coastal Brazil (Applicants F Berkes UM, A Begossi, CS Seixas, UNICAMP) \$2,000,000
- 2010-11 Intern Fellowship, Department of Clinical Pathology, UNICAMP \$2,000
- 2010 Didactic Support Fellowship (PAD), Botany, UNICAMP \$1,400 (declined due to overlap with the Intern Fellowship)

Invited talks

- **DIAS ACE** (2020) Coastal governance: challenges & opportunities post COVID 19. Post-COVID challenges for global & local commons Webinar. Xavier Institute of Social Service, India.
- **DIAS ACE** (2019) Natures' contributions to human wellbeing and coastal conservation. [BioForum](#), University of Campinas, Brazil.
- **DIAS ACE** (2019) Wellbeing dynamics in the context of accelerated changes in *Caiçara* communities of the Southeast coast of Brazil. I Forum of Environmental Governance of the Sao Paulo Macrometropolis. [original in Portuguese]
- ARMITAGE DA, **DIAS ACE** (2019) Coastal sustainability & the SDG 14. International Development Conference, University of Waterloo (Mar. 01).
- International students' life in Canada (talk), Mentorship Program, Student Teaching Excellence Committee, UW, 2016
- **DIAS ACE** (2016) Social-ecological dynamic of the Nitrogen cycle. National Institute for Space Research (NEPBI group), Brazil, 2016
- **DIAS ACE** (2015) Fisheries Monitoring, The Patagonian National Center (CENPAT), Argentina, 2015

Conference oral presentation

- **DIAS ACE**, ARMITAGE D, Blythe J, CHUENPAGDEE R, and NAYAK P (**Panelists**) Transitioning from Vulnerability to Viability: Transdisciplinary Approaches to Getting Small-Scale Fisheries Governance Right. [4 World Small-scale Fisheries Conference \(4WSFC\)](#) – North America, St Johns, June 2022.
- **DIAS ACE**, ARMITAGE D, and TRANT A. Uncovering well-being ecosystem services bundles (WEBs) under conditions of social-ecological change in Brazil. [4WSFC](#) - Japan, May 2022 [hybrid].
- **DIAS ACE**, ARMITAGE D, and NAYAK P. Toward a social-ecological 'Situational Analysis' of small-scale fisheries: transitioning from vulnerability to viability. [MARE People and the Sea Conference XI](#), Netherlands, 2021 [online]
- **DIAS ACE**, ARMITAGE D, MARSCHKE M, NAYAK P (2021) Blue for whom? Stakeholder perception on mismatches in MPA governance fit reveals challenges and opportunities towards blue justice. [MARE Conference 2021](#).
- **DIAS ACE**, ARMITAGE D, NAYAK P (2021) Toward a social ecological 'Situational Analysis' of small-scale fisheries: transitioning from vulnerability to viability. [MARE Conference 2021](#).
- **Dias ACE**, Ceballos-Concha A (2019) Trade-offs in tourism and wellbeing to the fishing community of Picinguaba, Brazil. [Canadian Society for Ecological Economics. 12th Biennial Conference](#) (May 22-25).
- **Dias ACE**, Armitage D, Blythe J, Campbell D, Chan C, Epstein G, Marschke M, Nayak P (2018) Wellbeing-ecosystem services bundles for adaptive governance of coastal systems experiencing rapid change. [3rd World Small-scale Fisheries Conference](#) (WSFC), Chiang Mai, Thailand (Oct. 22-26).
- **Dias ACE**, Armitage D (2018) Depicting wellbeing-ecosystem services bundles in fisheries as a path for conflict resolution in Marine Protected Areas. [3rd WSFC](#).
- **Dias ACE**, Armitage D, Blythe J, Campbell D, Chan C, Epstein G, Marschke M, Nayak P (2018) Wellbeing-ecosystem services bundles for adaptive governance of coastal systems experiencing rapid change. [CCRN Conference on Communities, Conservation & Livelihoods, Halifax](#), Canada (May 28-30).
- Islas CA, Gouvea S, **Dias ACE**, Araujo L, Seixas CS (2018) Participatory monitoring of natural commons in Brazil: lessons from the literature and the field. [CCL Halifax](#).
- Seixas CS, Islas CA, **Dias ACE**, Moraes A. Araujo L (2018) Meaning and motivations for conservation in Southeast Brazil. [CCL Halifax](#).

- **Dias ACE** (2018) A social-ecological systems approach to govern coastal ecosystems under conditions of rapid change. [Workshop Leveraging systems approaches to improve human & planetary health](#), UW (Apr. 25-26). (**Awarded best presentation**).
- Chamy P, de Freitas RR, **Dias ACE**, Islas C, Seixas CS (2017) Conocimiento ecológico local para cogestión en áreas protegidas con base en la etnoecologíaabrangente. Proceedings of the [V Congreso Latinoamericano y II Congreso Ecuatoriano de Etnobiología](#). Quito, Ecuador (Oct. 17-20).
- Prado DS, Araujo LG, Chamy P, **Dias ACE**, Seixas CS (2015) Advisory Councils in Brazilian Protected Areas: Reflections on the Social Participation, Challenges, and Opportunities. [VII Brazilian Seminar on Protected Areas and Social Inclusion and II Latin America Meeting on Protected Areas and Social Inclusion](#), Florianopolis, Brazil (Nov. 3-6), p. 25-34.
- **Dias ACE**, Cinti A, Seixas CS (2015) Participatory monitoring of small-scale fisheries in Brazil and the Southern Cone: a literature review. [15th Biennial Global Conference of the International Association for the Study of the Commons](#) (IASC 2015), Edmonton, Canada (May 25-29).
- Seixas CS, **Dias ACE**, Islas C (2015) Who should care for nature? Perceptions of Caiçara communities and protected area managers/staff in Paraty, Brazil. [15th IASC 2015](#), Book of Abstracts, p. 282.
- **Dias ACE**, Seixas CS (2014) Fisheries Participatory Monitoring at a Southern Brazilian Coastal Community – Tarituba, Paraty: Reconciling Conservation and Livelihoods. [2nd World Small-Scale Fisheries Congress](#), Merida, Mexico (Sep. 21-26).

Conference poster presentation

- **Dias ACE** (2019) Mobilizing action towards social-ecological changes in coastal communities through co-creation of ideas and visual arts. [72nd Annual Gulf & Caribbean Fisheries Institute Conference](#). Punta Cana, Dominican Republic (Nov 4-8).
- **Dias ACE** (2018) Linking cultural ecosystem services and coastal community wellbeing to improve governance of Marine Protected Areas. [São Paulo School of Advanced Science on Ocean Interdisciplinary Research and Governance](#) (SPSAS), São Paulo, BR (Aug. 13-25).
- **Dias ACE** (2017) Social-ecological conservation and wellbeing in the Anthropocene: contributions to MPA governance. Challenge your knowledge on biodiversity and ecosystem services - [AlterNet Summer School](#), Peyresq, FR (Sep. 2-12).
- Farinaci J, Bahia N, Araujo L, Pereira L, Chamy P, Prado DS, **Dias ACE** (2015) Learning Communities in integrated conservation and development. Seminar on Community Outreach, UNICAMP, Campinas, BR (Jun. 15).
- **Dias ACE**, Seixas CS (2013) Mobilizando conhecimento sobre conservação da natureza e desenvolvimento sustentável em Unidades de Conservação de Paraty, RJ, Brazil. [I Research Meeting of the Serra da Bocaina National Park](#), Paraty, BR (Jun. 20-21).

PROFESSIONAL EXPERIENCE

Professional Experience

2020-present	Postdoctoral Fellow, V2V Global Partnership , University of Waterloo.
2021	Consultant, Oceana .
2020	Lecturer, Coastal social-ecological systems (SERS 321), U of Waterloo.
2016	Institutional Fellow, Earth System Science Centre, National Institute for Space Research (INPE), Brazil.
2016	Educational coordinator at the PROCEU pre-university preparatory course, associated to the University of Campinas, Brazil
2015	English & French teacher, Morrissons School of English, Brazil.
2014	Intern as a Biology teacher, Dulce Bento Nascimento School, Brazil.
2013	Intern as a Science teacher, Paulo Decourt School, Brazil.
2012- 2014	Facilitator of outreach projects for community empowerment, nature

conservation, and local development.

2012 Intern in Agriculture Certification (Rainforest Alliance), Institute of Forest and Agricultural Management and Certification (IMAFLOA), Brazil

Project management

- 2020-present Supports in project management and coordination activities as per the project implementation plan and working closely with the Project Management Team (including project documentation, reporting requirements and ensuring deadlines).
- 2021 Coordinated a consultant contract with Oceana, including budgeting, developing proposal and work plan, ensuring deadlines are met, delivering high-quality and timely reports, and supporting material.
- 2020-present Co-leads bimonthly newsletter, student leadership events, Report series.
- 2017 Produced and published written material for research group and project websites and blogs;
- 2014 Worked as Treasurer of projects: secured funding, managed budget, worked collaboratively to prevent overspending, processed invoices, payments, refunds.
- 2013-2015 Organized events: research meetings, workshops, conference session (IASC 2015).

TEACHING AND MENTORING

Co-Instructor, *Coastal Social-Ecological Systems, ERS 321, 3y Undergrad, University of Waterloo, 2021*

- Delivered and prepared synchronous and asynchronous engaging class sessions using Microsoft Teams and recorded Zoom lectures.
- Revised syllabus, created innovative assignment (e.g., Photovoice, quizz), prepared varied online content (e.g., videos, interviews, guest speakers), and uploaded content on D2L learning platform.
- Contacted and facilitated participation of guest speakers from different countries (e.g., Belize, Brazil, Canada, Chile, Germany), connecting class content with groundwork and the job market.
- Created, revised and graded assignments, receiving positive feedback from students regarding innovation and real world application (see course evaluation attached).

Course and Textbook Co-developer, *Management of Common Use Natural Resources: Theoretical and Applied Perspectives*, BE587, University of Campinas, Brazil

- Co-developed a course for Grad and Undergrad students on natural resource management.
- Co-conceptualized a textbook to support the course, leading a chapter on aquatic resources and coauthoring a chapter on participatory management.
- Delivered lecture on aquatic resource using the textbook and received feedback from students on book content and structure, as well as additional engaging resources.
- Incorporated student feedback on the book chapter, improving it for teaching purposes and student engagement.

Course Peer-Reviewer, *Building Sustainable Communities: The Impact of Engagement, ONLINE, Brock University, 2022*

- Analysed and provided honest, concise, and constructive feedback on social sciences course, reflecting on learning objectives, effectiveness of each module in respect to content (quality, clarity, and relevance of information and resource) and structure (structure of lessons and assessments).
- Reflected upon the course's purpose to prepare learners, conceptually and practically, to effectively engage actors as a key aspect of building sustainable communities.
- Provided feedback on whether and how concepts are appropriately explained for students at 2nd to 3rd year level.

- Provided recommendations to improve the course, including additional engaging learning materials (e.g., videos, references, blog posts).

Teaching Assistant, 2016-2021

Introduction to Environmental Studies, Faculty level course, 100+ students (Fall 2016, 2017)

- Delivered instructions to students and supported students on the development of assignments
- Revised rubrics and proctored and graded assignments and exams
- Mentored students throughout the term in respect to projects progress, assignments and theoretical comprehension

Environmental Analysis and Solutions III: Greening Communities, School of Environment, Resources and Sustainability, 60 students (Fall 2017)

- Supervised students on developing a research project on greening communities on campus
- Delivered weekly tutorials guiding students on course content, conducting group activities and solving students questions
-

Restoration Practice II, ERS 341, Field course, 10 students (Spring 2019)

- Facilitated visits to local business and learning activities onsite.
- Guided students on identifying and questioning social and ecological sustainability issues in ecological restoration practices
- Mentored students on delivering presentations and preparing ecological restoration projects.

Field Ecology, ERS 100, Experiential learning, 60 students (Fall 2019)

- Guided students on developing vegetation inventories on site

Guest lectures

- [\(9\) Dynamics of Coastal Ecosystems and Social Well-Being - YouTube](#). Masters' students' seminar series: Sustainability Science and Society (SSAS) graduate program, Environmental Sustainability Research Centre, Brock University. Instructor: J. Blythe, 2022.
- **The dynamic interplay between vulnerability and viability in small-scale fisheries**. Coastal Social-Ecological Systems, Undergrad, University of Waterloo. Instructor: D. Armitage, 2022.
- **Aquatic systems**. Undergrad course Coastal Management, Interdisciplinary Program on Marine Science and Technology, Federal University of Sao Paulo (UNIFESP). Instructor: L. Golcalves, 2021
- **Blue Justice in Brazil and Canada**. Professional course: Environmental Management. Instructor: M. Resende, 2021.
- **Ecosystem services' contributions to social wellbeing in coastal conservation initiatives**. Management of Common Use Natural Resources: Theoretical and Applied Perspectives, BE 584 Undergrad, ONLINE, University of Campinas, Brazil. Instructor: C. Seixas, 2021.
- **Governance and development**. Undergrad course: INDEV 1010, UW. Instructor: P. Nayak, 2019.
- **Aquatic and Water Resources**. Undergrad course Ecology, University of Campinas (UNICAMP). Instructor: M. Pareja & C. Seixas, 2018.
- **Governing the Commons**. Grad course: SUSM 675/ERS 675, UW. Instructor P. Nayak, 2018.
- **Fisheries participatory monitoring at a southern Brazilian coastal community**. Undergrad course: SERS 375, Coastal Social-ecological systems, UW. Instructor D. Armitage, 2016.

Participation in Thesis Defense Committee

- Helena Yeboah: Vulnerability and Viability: The Intersectionality among Small-Scale fisheries (SSF) in James Town and Teshie Nungua. Msc Dissertation, University of Waterloo, 2022.
- Vandana Bharti: COVID-19 Footprints and Post Pandemic Visualization Considering Small-Scale Fisheries World: Case Study Of Chilika Lagoon, India. Msc Dissertation, University of Waterloo, 2022.

- Joyce Sekyi: [Adaptive Responses of Small-Scale Fisheries to the Vulnerabilities Resulting from Crude Oil Extraction in Western Ghana](#), Msc Dissertation, University of Waterloo, 2021.
- Navya Nair: [Water Quality as A Measure to Understand Vulnerability and Viability Issues in Small-Scale Fisheries of Chilika Lagoon, India](#). Msc Dissertation, University of Waterloo, 2021.
- Rosina Agyapong: [Building Local Resilience to Climate Vulnerability In Small-scale Fishery Communities of Lake Volta, Ghana](#). Msc Dissertation, University of Waterloo, 2021.
- Samantha King: [Gender, Social-Ecological Regime Shifts and Governance in Small-Scale Fishery Commons of Chilika Lagoon, India](#). Msc Dissertation, University of Waterloo, 2021.
- Valeria Mendoza: Sustainable Tourism Planning and Cross-Sector Partnerships in Small-Scale Fishing Communities: Prospects and Challenges for Viability in Ría Lagartos Biosphere Reserve, Mexico, Msc Dissertation, University of Waterloo, 2021.

Training Courses Delivered (Selected)

- 2021 [Introduction to Qualitative Methods](#) – Photovoice, V2V Global Partnership
- 2021 [Waterscapes in Watercolours](#) Workshop for beginners, [ENVigorate Festival 2021](#)
- 2021 [ZOTERO Basic training](#), V2V Global Partnership (Organizer)
- 2015 Participatory monitoring SocMon Brazil – Training courses for monitors
- 2013 Sustainable Tourism Practices – Training courses for Fisher Unions, Paraty, Brazil

Professional Memberships

- Since 2020 [V2V Global Partnership](#)
- Since 2020 [Future Earth](#)
- Since 2018 [Socio-Ecological Network of Co-creation for Latin America](#) (RESACA) – co-founder
- Since 2016 [Environmental Change and Governance Group](#) (ECGG, UW)
- 2012-2016 [Community Conservation Research Network](#) (CCRN, St Mary's U)
- Since 2011 [Research and outreach group on Conservation and Management of the Commons](#) (CGCommons, UNICAMP)
- 2016-2020 [Students of the Water Institute, Graduate Section](#) (SWIGS, UW)
- 2011-2016 Transdisciplinary Network for Adaptive Co-management and Ecodevelopment (Transformar Network) - A consortium of five Brazilian Universities
- 2016 [Studies and research network on geochemistry](#) (NEPBIO, INPE)
- 2012 [Too Big To Ignore](#) (TBTI, Global Partnership for Small-scale Fisheries Research)

SERVICE

Participation in boards

2021-present Leading Editor	V2V Situational Analysis Working Group Series
2020-present Editorial Board	V2V Commons , the V2V Global Partnership Newsletter
2021 Judging Commission	2021 Ontario High School Ethics Bowl
2020-present Secretariat	V2V Global Partnership
2019-present Co-founder	Socioecological Network of Co-creation for Latin America
2018-20 Executive Member	Student Teaching Excellence Committee , UW
2014 Director of Projects	Biology Jr. Enterprise (AlphaBio) , University of Campinas

Reviewer for scientific journals

- 2022-present Reviewer of the Environment and Development Magazine – DMA (invited)
- 2022-present Reviewer of Coastal and Ocean Management

Additional community engagement

- Facilitator of the V and VI Meetings of Araçá Bay BIOTA Project (FAPESP 2011/50317-5), University of São Paulo (USP), São Sebastião, Brazil, 2016.
- Facilitator of community outreach project: 'Learning communities on conservation and local development', UNICAMP (Facilitated meetings in rural and coastal communities, fostering community empowerment, conservation and development). 2011-2-14

Interviews given

- 2021 Participatory monitoring, University of Waterloo.
- 2017 Participatory Action Research, Community Conservation Research Network.
- 2016 Fisheries Monitoring, University of Campinas Newspaper.

Invitation/nomination to attend academic events

- 2022 [Intergovernmental Platform on Biodiversity and Ecosystem Services](#) (IPBES) Fellow
- 2021 [Early Career Champion, Sustainability Research and Innovation Congress](#) - SRI
- 2018 Ecosystem services: knowledge development and decision-making. The South American Institute for Resilience and Sustainability Studies (SARAS) Conference, Montevideo, Uruguay.
- 2018 Introduction to Social-ecological System Research in Latin America. SARAS and the Stockholm Resilience Center (nominated by SARAS, M. Trimble).
- 2015 Design of the Participatory Monitoring Program of Federal Marine Protected Areas (ICMBio, Brazil).

Participation in organizing committees

- 2021 **Panel co-organizer** 'Multiple faces of vulnerabilities and opportunities for viability in small-scale fisheries' - V2V Global Partnership, [MARE Conference 2021](#).
- 2021 **Contributing at organizing meetings** [4th WSFC 2022](#)
- 2021 **Panel co-organizer** 'Vulnerable livelihoods, viable lives: Witnessing the global experiences of SSFs' Small-scale Fisheries Open House, [World Oceans Week](#), TBTI
- 2021 **Panel co-organizer** [Sharing perspectives on vulnerability to viability](#), V2V Global Partnership
- 2020 **Organizing committee** [Conference of The South American Institute for Resilience and Sustainability Studies](#) (SARAS) (Invited, Bella Vista, UY, Dec. 3-5, 2020)
- 2019 **Contributed at organizing meeting** [TBTI Transdisciplinary Workshop](#) GCFI / TBTI (Punta Cana, DR, Nov. 10, 2019)
- 2018 **Organizing committee** The Earth Hour, UW
- 2018 **Organizing committee** World Water Day, UW
- 2017 **Organizing committee** ENVigorate Festival, UW
- 2016 **Organizing committee** Reflecting upon research findings workshop, UNICAMP
- 2015 **Panel co-organizer** Seixas CS Farinaci J, Dias ACE, Moraes A, Islas C, Araujo L, Ribas N, Costa P, Ummus R, Freitas R, Sanches R. Commons management and conservation on the ground: learning from interactions between science and practice. 15th IASC 2015, Book of Abstracts, p. 339.
- 2015 **Organizing committee** 1st workshop of the Ecology and Ecosystem Management Laboratory, LEME, UNICAMP
- 2014 **Chair** Workshops 1 and 2 on Participatory monitoring in Tarituba Community
- 2013 **Organizing committee** Brazilian National Students' Biology Conference (CAEB), UNICAMP
- 2013 **Organizing committee** Open House for high school students, UNICAMP
- **Volunteer:** 3rd WSFC 2018, 15th IASC Conference 2015, 2nd WSFC 2014

CERTIFICATES AND TRAINING

Certificate Programs

- 2019 **Foundations of Academic Teaching** Program, University of Waterloo.
- 2017 **Student Leadership Certificate** Program, UW
- 2017 **United Nations Sustainable Development Goals Advocacy & Implementation**, UW.
- 2012 Germinar **Facilitation and Conflict Management Certificate**, EcoSocial Institute.
- 2012 **The Open Standards for the Practice of Conservation**, Wildlife Conservation Society.

Summer school attended / Facilitated

- 2021 Chilika Field School: Rethinking Coastal Sustainability and Development (**Facilitated**).
- 2018 Introduction to Social-ecological System Research in Latin America, [SARAS](#), UY (**Nominated**)
- 2018 [São Paulo School of Advanced Science on Ocean Interdisciplinary Research and Governance](#), USP (**Selected**).
- 2017 Challenge your knowledge on biodiversity and ecosystem services, [AlterNet Summer School](#), Peyresq France (**Scholarship granted**).
- 2014 The Global Socioeconomic Monitoring Initiative for Coastal Management ([SocMon](#)) Training program, Federal University of Parana, Pontal do Sul, Brazil (**Invited**).

Training Courses Attended (Selected)

- 2019 [TBTI Transdisciplinary Training for the Trainers](#)
- 2017 Training course for Website manager, UW (10h).
- 2017 Critical Analysis and Research (UW, grad course ERS 702).
- 2017 Governing the Commons (UW, grad course ERS 675, 48h).
- 2016 Parks and Protected Areas (UW, grad course ERS 454, 60h).
- 2016 Complexity and Sustainability in Social-ecological Systems (UW, grad course).
- 2016 Research Management. Ontario Consortium of Graduate Professional Skills (online).
- 2014 Communication & Interpersonal Productive Relationship. MaisTraining & Consulting (8h).
- 2014 Field Ecology (UNICAMP, grad course NE 110, 240h).
- 2013 Environment, Health and Safety Legislation. SG4 Consulting Company, Brazil (8h).
- 2013 Ecosystem Dynamics (UNICAMP, grad course NE 454, 64h).
- 2013 Ecological Communities Diversity and Structure (UNICAMP, grad course, 64h).
- 2013 Theory and Design of Ecological Research (UNICAMP, grad course NE 452, 64h).
- 2013 Quantitative Studies of Populations (UNICAMP, grad course NE 450, 64h).
- 2012 ArcGIS Training Course. University of the State of Sao Paulo (UNESP), Rio Claro (40h).
- 2012 Coastal and Marine Resource Governance UNICAMP & The University of West Indies (40h).
- 2011 Entrepreneurship training, Endeavor (70h).
- 2011 Marine Ecosystem and Conservation, IX CAEB, UNICAMP (8h).

ACTIVITIES AND INTERESTS

- 2020 Member of the Dragon Boat Club, University of Waterloo.
- 2019 Competed in Canoe Races, Ubatuba, Brazil
- 2019 Member of the folk group Grito de Maria, Ubatuba, Brazil
- 2013 Completed Saint Silvester Road Race, SP, Brazil.
- 2006 Awarded Black belt in Judo, Brazilian Federation of Judo.
- 2003 Female Athlete Recognition Award in Judo