Curriculum vitae
FLAVIA TROMBONI, PhD

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ORCID ID: https://orcid.org/0000-0001-7287-8048

RESEARCH INTERESTS

Aquatic Ecology; Biogeochemistry; Periphyton Ecology; Macrosystem ecology.

EDUCATION

2011 **Ph.D.** in *Natural Resources (Land, Environment, Resources and Health),* University of Padova, Italy
2010 **Erasmus Mundus External Cooperation –** Department of Natural Sciences, Universidad de La Plata, Argentina
2006 **Master's Degree** in *Environmental Conservation*, University of Greenwich, London, England
2003 **Bachelor's Degree** in *Agricultural Sciences and Technologies*, University of Padova, Italy
2002 **Erasmus Exchange Program** - Universidad Miguel Hernandez, Elche, Spain

ACADEMIC APPOINTMENTS

2023 **Marie Sklodowska-Curie Fellow** at the Rheinland-Pfälzische Technische Universität Kaiserslautern Landau (RPTU) and University of Bologna.
2022 **Adjunct Faculty,** Global Water Center, Department of Biology, University of Nevada, Reno.
2018-2022 **Research Assistant Professor**, Global Water Center, Department of Biology, University of Nevada, Reno.
2021 **Guest scientist**, Guest Scientist IGB, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin.
2017-2018 **Postdoctoral fellow,** Global Water Center, Department of Biology, University of Nevada, Reno.
2017 **Guest scientist**, University of São Paulo, Brazil.
2013-2017 **Postdoctoral fellow,** State University of Rio de Janeiro.

PUBLICATIONS

38 *In Revision* **Tromboni F.**, W.K. Dodds, D.G.F. Cunha, J.A.F. Monteiro, H. Avocat, M. Caldas, B. Gücker. Defining nutrient ecoregions for reference nitrogen and phosphorus concentrations in rivers from the major South American biomes

37 *In Revision* Brown B.C., A.H. Fulerton, D. Kopp, **F. Tromboni**, A.J. Shogren, J.A. Webb, C. Ruffing, M. Heaton, L. Kuglerová, D.C. Allen, L. McGill, J.P. Zarnetske, M.R. Whiles, J.B. Jones, B.W. Abbott. Latitude and temperature mediated shifts in global runoff processes since 1988.

36 *In Revision* Suelen-Silva B., E. Zandonà, V. Neres-Lima, T. P. Moulton, **F. Tromboni**, S. A. Thomas, R. Feijó-Lima. Longitudinal effects of land-cover transitions in the algae community of a tropical stream.

35 *Major Revision Requested* Brown B.C., A.H. Fulerton, D. Kopp, **F. Tromboni**, A.J. Shogren, J.A. Webb, C. Ruffing, M. Heaton, L. Kuglerová, D.C. Allen, L. McGill, J.P. Zarnetske,

M.R. Whiles, J.B. Jones, B.W. Abbott. The Music of Rivers: How the Mathematics of Waves Reveals Global Drivers of Streamflow Regime. *Water Resources Research.*

34 (2023) Feijo-Lima R., Thomas S.A., **Tromboni F.**, Zandonà E.; Silva-Júnior E.F., Moulton T.P. The role of directional spatial processes, environmental filters, and taxon rarity on detecting macroinvertebrate bioassessment metrics responses to land use impacts. *Hydrobiologia.*

33. (2022) **Tromboni, F.**, E.R. Hotchkiss, A. Schechner, W.K. Dodds, S. Poulson, S. Chandra. High rates of daytime river metabolism are an underestimated component of carbon cycling. *Communications Earth and Environment*.

32. (2022) Arsenault E.R., Thorp J.H., Polito M.J., Minder M., Dodds W.K., **Tromboni F.**, Maasri A., Pyron M., Mendsaikhan B., Otgonganbat A., Altangerel S. Chandra S., Shields R., Artz C., Bennadji H. Intercontinental analysis of temperate steppe stream food webs reveals consistent autochthonous support of fishes. *Ecology Letters*.

31. (2021) Schechner, A., W.K. Dodds, **F. Tromboni,** S. Chandra, A. Maasri. How do methodological choices influence accurate and precise estimation of river metabolism? *Limnology and Oceanography Methods*.

30. (2021) Soum, S., P.B. Ngor, T.E. Dilts, S. Lohani, S. Kelson, S.E. Null, **F. Tromboni**, Z.S. Hogan, B. Chan, S. Chandra. Spatial and long-term temporal changes in water quality dynamics of the Tonle Sap Ecosystem. *Water*.

29. (2021) **Tromboni, F.**, T.E. Dilts, S. Lohani, S.E. Null, P.B. Ngor, S. Soum, Z. Hogan, S. Chandra. Changing land use and population density are degrading water quality in the Lower Mekong Basin. *Water*.

28. (2021) Finkler, N.R., B. Gücker, I. Boëchat, **F. Tromboni**, S.A. Thomas, L.A. Mendes, D.M.F. Lima, T.P. Covino, K. Emanuelson, C. Ponce de León, D.G.F. Cunha. Comparing spiraling- and transport-based approaches to estimate in-stream nutrient uptake length from pulse additions. *Ecohydrology*.

27. (2021) Vadeboncoeur Y., M.V. Moore, S.D. Stewart, S. Chandra, K.S. Atkins, J.S. Baron, K. Bouma-Gregson, S. Brothers, S.N. Francoeur, L. Genzoli, S.N. Higgins, S. Hilt, L.R. Katona, D. Kelly, I.A. Olesky, T. Ozersky, M.E. Power, D. Roberts, A.P. Smits, **F. Tromboni**, M.J. Vander Zanden, E. A. Volkova, A.S. Waters, S.A. Wood, M. Yamamuro. Blue Waters, Green Bottoms: Attached Filamentous Algal Blooms (FABs) are an Emerging Threat to Clear Lakes Worldwide. *Bioscience*.

26. (2021) Scordo, F., S. Chandra, E. Suenaga, S.J. Kelson, J. Culpepper, L. Scaff, **F. Tromboni**, T.J. Caldwell, C. Seitz, J.E. Fiorenza, C.E. Williamson, S. Sadro, K.C. Rose, S.R. Poulson. Smoke from regional wildfires alters lake ecology. *Scientific Reports*.

25. (2021) Maasri, A., P. Mark, E.R. Arsenault, J.H. Thorp, B. Mendsaikhan, **F. Tromboni**, M.Minder, S.J. Kenner, J.Costello, S. Chandra, A. Otgonganbat, B. Boldgiv. Valley-scale hydrogeomorphology drives river fish assemblage variation in Mongolia. *Ecology and Evolution*.

24. (2021) **Tromboni, F.**, J. Liu, E. Ziaco, D.D. Breshears, K. Thompson, W.K. Dodds, K.M. Dahlin, E.A. LaRue, J.H. Thorp, A. Viña, M. Laguë, A. Maasri, H. Yang, S. Chandra, S. Fei. Macrosystems as metacoupled human and natural systems. *Frontiers in Ecology and the Environment*.

**Paper highlighted in the media*: EurekAlert, ScienceDaily, Phys.org, UNRNevadaNews, MSU-CSIC News, eScience.News, Press-News.org, Ecological society of America-Blog.

23. (2021) LaRue, E.A., J. Rohr, J. Knott, W.K. Dodds, K. Dahlin, J.H. Thorp, J.S. Johnson, M. I. Rodriguez-Gonzalez, B.S. Hardiman, M. Keller, R. Fahey, J.W. Atkins, **F. Tromboni**, M.

SanClements, G. Parker, J. Liu, S. Fei. The evolution of Macrosystems Biology *Frontiers in Ecology and the Environment*.

22. (2021) Thorp, J.H, W.K. Dodds, C.J. Robbins, A. Maasri, E.R. Arsenault, J.A. Lutchen, **F. Tromboni**, B. Hayford, M. Pyron, G.S. Mathews, A. Schechner, S. Chandra. The Conceptual and Empirical Nature of Lotic Macrosystem Research. *Ecosphere*.

21. (2021) Zandonà, E., P. Oliveira-Cunha, **F. Tromboni,** V. Neres-Lima, M. Moraes, T.P. Moulton. Do body elemental content and diet predict excretion rates of fish and shrimp? *Fundamental and Applied Limnology*.

20. (2020) Silva-Araújo, M., E.F. Silva-Júnior, V. Neres-Lima, R. Feijó-Lima, **F. Tromboni**, C. Lourenço-Amorim, S.A. Thomas, T.P. Moulton, E. Zandonà. Effects of riparian deforestation on leaf decomposition and the invertebrate community in Atlantic forest streams. *Perspectives in Ecology and Conservation.*

19. (2020) **Tromboni, F**., W.K. Dodds, S. Chandra, S. Poulson, A. Pandey, A. Schechner. Respiration in rivers fractionates stable isotopes of dissolved oxygen; a global investigation on the influences of temperature and flow. *Biogeochemistry*.

18. (2020) Cunha, D.G.F., N.R. Finkler, N. Gómez, J. Cochero, J.L. Donadelli, W.A. Saltarelli, M.C. Calijuri, A.C.P. Miwa, **F. Tromboni**, W.K. Dodds, I.G. Boëchat, B. Gücker, S.A. Thomas. Agriculture influences ammonium and soluble reactive phosphorus retention in South-American headwater streams. *Ecohydrology*.

17. (2019) **Tromboni, F.**, C. Lourenço-Amorim, V. Neres-Lima, S.A. Thomas, M. Silva-Araújo, R. Feijó-Lima, E.F. Silva-Júnior, T. Heatherly, T.P. Moulton, E. Zandonà. Conversion of tropical forests to agriculture alters the accrual, nutrient limitation, and taxonomic composition of stream periphyton. *International Review of Hydrobiology*.

16. (2019) Feijó-Lima, R., E. Zandonà, B.S. da Silva, **F. Tromboni**, T.P. Moulton, S.A. Thomas. Longitudinal dimensions of land-use impacts in riverine ecosystems. *Acta Limnologica Brasiliensia*, 31, e107.

15. (2019) Dodds, W.K., L. Bruckerhoff, D. Batzer, A. Schechner, C. Pennock, E. Renner, **F. Tromboni**, K. Bigham, S. Grieger. The freshwater biome gradient framework: predicting macroscale properties based on latitude, altitude, and precipitation. *Ecosphere* 10(7):e02786.

14. (2019) Maasri, A., J. H. Thorp**,** J. Gelhaus, **F. Tromboni**, S. Chandra, S.J. Kenner. Communities associated with the Functional Process Zone scale: a case study of stream macroinvertebrates in endorheic drainages. *Science of the Total Environment*.

13. (2019) Cunha, D.G.F., R.A. Magri, **F. Tromboni**, E.V. Riveros, J.A. Velázquez. Urban landscape structure influences nutrient concentrations in aquatic systems: citizen science data from Brazil and Mexico. *Freshwater Science.*

12. (2018) Finkler, N.R., **F. Tromboni***, I.G. Boëchat, B. Gücker, Cunha, D.G.F. Nitrogen and Phosphorus Uptake Dynamics in Tropical Cerrado Woodland Streams. *Water 0*(8), 1080. **corresponding author.*

11. (2018) Cunha, D.G.F., N.R. Finkler, T.P. Covino, **F. Tromboni**, W.K. Dodds. Nutrient uptake in a modified homogenous stream channel: experimental manipulation of residence time and transient storage. *Ecohydrology* 11:e2012.

10. (2018) **Tromboni, F.**, S.A. Thomas, B. Gücker, C. Lourenço-Amorim, V. Neres-Lima, T.P Moulton, E.F. Silva-Junior, R. Feijò-Lima, I.G. Boëchat, E. Zandonà. Nutrient limitation and the stoichiometry of nutrient uptake in a tropical rainforest stream. *Journal of Geophysical Research: Biogeosciences*, 123, 2154– 2167.

9. (2018) Feijó-Lima, R., S. Mcleay, E.F. Silva-Junior, **F. Tromboni**, T.P. Moulton, E. Zandonà, S.A. Thomas. Quantitatively describing the downstream effects of an abrupt land cover transition: buffering effects of a forest remnant on a stream impacted by cattle grazing. *Inland Waters* 8:3, 294-311.

8. (2018) Saltarelli, W.A., W.K. Dodds, **F. Tromboni**, M.C. Calijuri, V. Neres-Lima, C.E. Jordão, J.C.P. Palhares, D.G.F. Cunha. Variation of aquatic metabolism along a tropical environmental gradient. *Journal of Limnology* Vol 77, No 3.

7. (2018) Oliveira-Cunha, P., K.A. Capps, V. Neres-Lima, C. Lourenço-Amorim, **F. Tromboni**, T.P. Moulton, E. Zandonà. Species-specific effects of varying incubation conditions on nutrient mineralization rates. *Freshwater Biology* 63: 1107– 1117.

* *Cover Image* of Freshwater Biology issue from this article

6. (2017) Cunha, D.G.F., V. Fernandes de Melo Lima, N.A. Menegante, G.A. Marafão, A.C.P. Miwa, M.C. Calijuri, J.A. Bendassoli, **F. Tromboni**, R. Maranger. Uptake rates of ammonium and nitrate by phytoplankton communities in two eutrophic tropical reservoirs. *International Review of Hydrobiology*,102:125–134. ******Top 20 most read paper in International Review of Hydrobiology in 2017-2018.*

5. (2017) **Tromboni, F.**, W.K. Dodds, V. Neres-Lima, E. Zandonà, T.P. Moulton. Heterogeneity and scaling of photosynthesis, respiration, and nitrogen uptake characteristics of stream substrata from three Atlantic Rainforest streams. *Ecosphere* 8(9):e01959.

4. (2017) **Tromboni, F.**, W.K. Dodds. Relationships between land use and stream nutrient concentrations in a highly urbanized tropical region of Brazil: thresholds and riparian zones. *Environmental Management* 60(1):30-40.

3. (2017) Dodds, W.K., **F. Tromboni**, W.A. Saltarelli, D.G.F. Cunha. The root of the problem: direct influence of riparian vegetation on estimation of whole stream metabolic rates. *Limnology and Oceanography Letters* 2: 9-17. ******Top 20 most downloaded paper in Limnology and Oceanography Letters in 2017.*

2. (2014) **Tromboni, F.**, L. Bortolini, M. Martello. The use of water in the agricultural sector: a procedure for the assessment of large-scale irrigation efficiency with GIS. *Irrigation and Drainage*, v. 63, p. 440-450.

1. (2014) **Tromboni, F.**, L. Bortolini, J. Morabito. Integrated hydrologic-economic decision support system for groundwater use confronting climate change uncertainties in the Tunuyán River basin, Argentina. *Environment, Development and Sustainability*. v. 16, p. 1317-1336.

COMPETITIVE RESEARCH GRANTS & AWARDS

2023 **European Union's Horizon 2020** Research and Innovation Programme under the Marie Skłodowska-Curie grant agreement No 101105996. PeriCarb-EFA - Effects of extreme flow changes on periphyton biofilm and carbon cycling in Alpine streams. **€189,687.36 Principal investigator (PI).**

2021 **AQUACOSM-Plus**. PeriFlush – Effects of Flushing events and benthic invertebrate community on Periphyton biofilm structural and functional characteristics – cascading effects and microbial feedback **€5,000 Principal investigator (PI).**

2018 Wonders of Mekong: A foundation for sustainable development and resilience. USAID. **$4,724,544 Collaborator.**

2017-2021 Collaborative research: Hierarchical functioning of river macrosystems in temperate steppes - From continental to hydrogeomorphic patch scales. NSF Macrosystems Biology, #1442595. **$4,237,776 Postdoctoral fellow**.

2015-2017 Linking primary and secondary production in streams of different tropical biomes. CAPES **$50,000 Collaborator**.

2016-2017 Ecological stoichiometry: the role of aquatic consumers in nutrients recycling in tropical Atlantic Forest streams CAPES/FAPERJ **$30,400 Postdoctoral fellow**.

2013-2016 Cascading effects of land use on the structure and functioning of tropical Atlantic Forest streams. CAPES **$100,000 Postdoctoral fellow**.

RESEARCH EXPEDITIONS LED BY THE RESEARCHER

2 one-month long expeditions in the USA: 1 in Mountain Steppes ecoregion, 1 in Grassland ecoregion.

2 one-month long expeditions in Mongolia: 1 in Mountain Steppes ecoregion, 1 in Desert ecoregion.

TEACHING EXPERIENCE

2020 **ACUE certification** (Association of College and University Educators) – Effective Teaching Practices (Co-endorsed by the American Council on Education).

2020 **Facilitator** for the ACUE (Association of College and University Educators) course – Effective Teaching Practices (Co-endorsed by the American Council on Education).

2019 **Course leader**, *BIOL 472/672 Limnology.* University of Nevada – Reno, USA

2019 **Course contributor**, *ENV101 Introduction to Environmental Sciences.* University of Nevada – Reno, USA

2018 **Course contributor**, River metabolism from theory to practice. Inland Fisheries Research and Development Institute (IFReDI): Phnom Penh, Cambodia

2015-2017 **Course contributor**, Ecology of tropical streams. State University of Rio de Janeiro, Brazil.

Students mentored and supervised

2021 Co-advisor of Carolina Jativa Guzman, Master student, University of Barcelona

2021 Co-advisor of Khaliun Sanchir, Master student, Mongolian National University

2019 Advisor of Loren Secor, honor undergraduate student University of Nevada, Reno - USA (student awarded by the University of Nevada Undergraduate Research Project Award for Academic Year 2019)

2017 Co-advisor of Bruna S. Silva, BSc student, State University of Rio de Janeiro

2011 Co-advisor of a Davide Dezotti, Master student University of Padova

PROFESSIONAL MEETINGS & WORKSHOPS

2019 **Invited Participant** - Littoral Greening: A Workshop to Understand the Drivers of Attached Filamentous Algal Blooms in Pristine Lakes. Support: California State Water Quality Control Board and National Science Foundation.

2019 **Invited participant**, **Expert Witness Training Academy** – Effectively Communicating Science. Funded by the National Science Foundation Paleoclimate Program. Mitchell Hamline School of Law, Saint Paul, Minnesota. Support: National Science Foundation.

2018-2019 **Selected Participant -** Spatial Analysis working group, Stream Resiliency Research Coordination Network. Support: National Science Foundation

Invited Seminars

2022 *Carbon metabolism in rivers – The influence and variability of oxygen isotopic fractionation.* University of Koblenz-Landau, Germany.

2021 *An investigation on the effects of changes in temperature, flow, and organisms on the isotopic fractionation of dissolved oxygen isotopes*. Department of Geography and Geosciences, GeoZentrum Nordbayern, Friedrich- Alexander-Universität Erlangen-Nürnberg (FAU).

2020 *Carbon metabolism in streams and rivers – From decimeters to continents*. Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB), Germany.

2019 *From Micro to Macro – measuring rivers ecosystem functioning at the global scale.* State University of Rio de Janeiro.

2018 *From Micro to Macro - the need to think globally to promote ecological sustainability.* Global Water Center, University of Reno, Nevada.

2017 *Heterogeneity and scaling of metabolism in streams and rivers. From decimeters to continents.* Global Water Center, University of Reno, Nevada.

2016 *The impact of deforestation in Atlantic Rainforest streams of Brazil.* University of Bologna, Italy

2014 *Riparian influences on ecosystem services in Brazilian Atlantic rainforest streams.* Department of Biology Kansas State University, USA.

Selected Presentations

2022 **Tromboni F.**, C. Játiva-Guzmán, A. Maasri, S. Bernal, S. Mohr, A.H. Frank, J.A.C. Barth, M. Dordoni, S.C. Jähnig, S. Chandra, C. Seitz, HP. Grossart. Effects of flow reduction and biodiversity decline on periphyton characteristics and carbon cycling. SIL, Berlin. ORAL presentation.

2022 **Tromboni F.,** Arsenault E., Boldgiv B., Bowes R., Chandra S., Costello J., Dash T.R., Dodds W.K., Erdenee B., Gelhaus G., Hayford B., Kenner S.K., Maasri A., Pyron M., Schechner S.,Thorp J.H. Hierarchical functioning of river macrosystems in temperate steppes – from continents to hydrogeomorphic patch scales. Joint Aquatic Sciences Meeting, Grand Rapids, USA. ORAL presentation.

2021 **Tromboni, F.**, Hotchkiss E.R., S. Chandra, W.K. Dodds, A. Schechner, S. Poulson. Higher day vs. night ecosystem respiration in rivers across the globe. 12th Symposium for European Freshwater Science Virtual Conference. ORAL presentation.

2020 **Tromboni, F.,** S. Chandra, P.B. Ngor, L. Prudencio, Z. Hogan, S. Saray, B. Sullivan. The Effect of the Sesan 2 Dam and High/Low Flow Regimes in the Limnology of the 3S System in Cambodia. AGU Fall Meeting – online. ORAL <u>invited presentation</u>.

2019 **Tromboni, F.,** S. Chandra, Hotchkiss E.R., W.K. Dodds, A. Schechner, S. Poulson. Higher day vs. night ecosystem respiration reveals underestimates in river carbon cycling – A global assessment using diel patterns of dissolved oxygen concentration and d18O. AGU Fall Meeting - San Francisco, USA. ORAL presentation**.**

2019 **Tromboni, F.,** S. Chandra, W.K. Dodds, A. Schechner, S.R. Poulson. Measuring respiration using oxygen stable isotopes in different functional process zones, ecoregions, and biomes of the world. ASLO Aquatic Sciences Meeting, Planet Water Challenges and Successes, San Juan, Puerto Rico. ORAL presentation.

2018 **Tromboni, F.,** W.K. Dodds, S. Chandra, S. Poulson, A. Schechner. Processes and environmental conditions influencing the stable isotope fractionation factor (alpha) of dissolved oxygen during respiration. Society for Freshwater science, Detroit, USA. ORAL presentation

2018 **Tromboni, F.** Hierarchical Functioning of River Macrosystems in Temperate Steppes. From Continental to Hydrogeomorphic Patch Scales. NSF Macrosystems Biology PI meeting, Washington DC, VA, USA. POSTER presentation.

2017 **Tromboni, F.,** W.K. Dodds, V. Neres-Lima, E. Zandonà, T.P. Moulton. Photosynthesis, respiration, and nitrogen uptake characteristics of stream substrata in tropical streams:

heterogeneity and scaling. Society for Freshwater science, Raleigh, North Carolina, USA. ORAL presentation.

2016 **Tromboni, F.,** V. Neres-Lima, W.A. Saltarelli, A.C.P. Miwa, D.G.F. Cunha. Nutrient uptake and Metabolism in Tropical streams. AGU Fall Meeting-San Francisco, USA. POSTER presentation.

2016 **Tromboni, F.,** S.A. Thomas, R. Feijó-Lima, T.P. Moulton, E.F. Silva-Junior, C. Lourenço-Amorim, E. Zandonà. The effects of riparian deforestation and water chemistry on nutrient uptake rates in the Atlantic rainforest of Brazil. Society for Freshwater science, Sacramento, USA. ORAL presentation.

2015 **Tromboni, F.**, R. Feijó-Lima, E.F. Silva-Junior, C. Lourenço-Amorim, E. Zandonà, T.P Moulton, B.S. Da Silva, M. Silva-Araújo, S.A. Thomas. Upscaling ecosystem processes to predict the effects of land cover change at a watershed scale in the Atlantic tropical rainforest of Brazil. AGU Fall Meeting - San Francisco, USA. POSTER presentation.

2015 **Tromboni, F.**, E. Zandonà, C. Lourenço-Amorim, V. Neres-Lima, E.F. Silva-Junior, R. Feijó-Lima, T.P. Moulton, S.A. Thomas. Temporal variation in Ammonium uptake in a tropical stream. Society for Freshwater science, Milwaukee, USA. ORAL presentation

2015 **Tromboni, F.,** E. Zandonà, C. Lourenço-Amorim, E.F. Silva-Junior, R. Feijó-Lima, V. Neres-Lima, T.P. Moulton, B. Gücker, I. Boechat, S.A. Thomas. Assessing nutrient limitation in a pristine tropical stream - comparing nutrient diffusing substrates with nutrient uptake estimates. ASLO Aquatic Sciences Meeting- Aquatic sciences global and regional perspectives- north meets south, Granada, Spain. ORAL presentation

2014 **Tromboni, F.,** E. Zandonà, T.P. Moulton, E.F. Silva-Junior, C. Lourenço-Amorim, T. Heatherly, S.A. Thomas. Measuring nutrient spiraling in a Brazilian pristine coastal stream. Joint Aquatic Science Meeting, Portland, Oregon - USA. ORAL presentation.

2013 **Tromboni, F.**, E. Zandonà, T.P. Moulton, C.Y.S. Sato, V. Neres-Lima, S.A. Thomas. Measuring nutrient uptake in a pristine coastal stream. XIV Congresso Brasileiro de Limnologia, Bonito, Mato Grosso do Sul, Brazil. ORAL presentation.

SERVICE ACTIVITIES

2022 *Editorial Advisor Committee* –International Journal of Limnology.

2020-2021 *Guest Editor* – Journal: Water – Special Issue: Channels for Change in the Mekong: Integrating Multiple Disciplines for New Frontiers in Managing the Mekong River Basin.

2019 *Organizer of the symposium:* Channels for Change in the Mekong: Integrating Multiple Disciplines for New Frontiers in Managing the Mekong River Basin. The Wildlife Society and American Fisheries Society joint meeting, Reno, NV, USA.

2019 *Co-chair organizer of the session*: "The multiple challenges of rapidly changing tropical freshwater ecosystems" at the 2019 ASLO aquatic sciences meeting, San Juan, Puerto Rico: "Planet Water Challenges and Successes".

2017 *Member of the Scientific Committee* of the XVI Brazilian Limnology Congress in Rio de Janeiro.

2017 *Organizer of the session* "Effects of land-use change on aquatic ecosystem structure and function"; XVI Brazilian Limnology Congress in Rio de Janeiro.

Professional affiliations

Society for Freshwater Science - SFS (2014- present), Association for the Sciences of Limnology and Oceanography – ASLO (2015-present), American Geophysical Union – AGU (2015-present), Asociación Ibérica de Limnología – AIL (2019), Associação Brasileira de Limnologia – ABL (2013).

Reviewer

More than 30 articles reviewed for Limnology and Oceanography, Scientific Reports, Ecosphere, Ecological Indicators, Water Resources Research, Ecological Engineering, International Review of Hydrobiology, Hydrobiologia, Freshwater Science, Journal of Environmental Management, Science of the Total Environment.

MEDIA

- Participation in the exhibition: "Women in Limnology" organized by the working group on Gender of the Iberian Association of Limnology (AIL). https://blog.gleon.org/women-in-limnology-exhibit-by-the-iberian-assocation-of-limnology/
- Collaboration in the production of the story Map for the Wonders of the Mekong Project: https://www.arcgis.com/apps/Cascade/index.html?appid=d8bab8d4aeb547169cea58f61494a6bc
- Our work highlighted in the Mekong River Commission Magazine Catch and Culture: https://www.mrcmekong.org/assets/Events/Newsletters/catch-and-Culture/CC-27.1.pdf
- Some of my research highlighted in the media: https://www.eurekalert.org/pub_releases/2021-02/msu-sab020221.php

FOREIGN LANGUAGES

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Italian	Native Language				
Spanish	Native Bilingual				
English	C2	C2	C2	C2	C2
Portuguese	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user – B1 and B2 Independent user – C1 and **C2 Proficient user**