

GLEON 2025 Virtual Meeting

Plenary Speaker Bios

Francisco A. Rodrigues Barbosa



Dr. Francisco A. Rodrigues Barbosa is a full professor at the Institute of Biological Sciences of Universidade Federal de Minas Gerais (UFMG), he is a prominent ecologist and limnologist, having been one of the founders of the Brazilian Association of Limnology. His academic background includes a master's and a doctorate in Ecology and Natural Resources (UFSCAR, Brazil), as well as a post-doctorate in algal eco-physiology (UKCEH, United Kingdom). An expert in the conservation of aquatic ecosystems, throughout his career he coordinated long-term ecological research programs at the Rio Doce State Park, the specialization course in Municipal Water

Resources Management, and the Laboratory of Limnology, Ecotoxicology, and Aquatic Ecology (LIMNEA) at UFMG. His research and publications have had a significant impact on the understanding and management of freshwater environments in Brazil.

Adriano Costa Quaresma



Dr. Adriano Costa Quaresma is a researcher specializing in the ecology of the Amazon region. He holds a doctorate and postdoctoral degree in Ecology from the Instituto Nacional de Pesquisas da Amazônia (INPA, Brazil) and the Karlsruhe Institute of Technology (KIT) in Germany, following a master's in Tropical Botany from the Emílio Goeldi Museum/ Universidade Federal Rural da Amazônia (UFRA, Brazil). His work focuses on the ecology of flooded ecosystems, forest communities, and epiphytic plants, investigating the interactions between the environment, trees, and epiphyte communities. Originally from Ilha do Combú, he is also a newly affiliated member of the Brazilian Academy of Sciences.

André Megali Amado



Dr. André Megali Amado is an ecologist and professor at the Federal University of Juiz de Fora (UFJF, Brazil). He completed his Ph.D. in Ecology at the Federal University of Rio de Janeiro (UFRJ, Brazil), with a period of study at the University of Minnesota (U.S.A). His work focuses on the dissolved organic matter, carbon cycle and ecological stoichiometry in tropical aquatic environments. He is also interested in applied limnology, such as emergent pollutants, sustainable aquaculture, among others. He is currently a member of the board of the Brazilian Association of Limnology (ABLimno),

and an associate editor for Acta Limnologica Brasiliensia.

Beatriz Modenutti



Dr. Beatriz Modenutti is a highly distinguished Argentine ecologist and limnologist, recognized for her extensive research on the aquatic ecosystems of the Patagonian Andean lakes. She holds a Ph.D. in Natural Sciences and is an Emeritus Principal Researcher at Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET, Argentina), as well as a Professor of Ecology at the Universidad Nacional del Comahue (UNCo, Argentina). Her work focuses on plankton ecology, microbial food webs, and the effects of environmental changes, such as glacial meltwater and introduced species, on

Patagonian and other Andean lakes.

Bruno Renaly Souza Figueiredo



Dr. Bruno Renaly Souza Figueiredo is a professor at the Federal University of Santa Catarina (UFSC), where he works in the Department of Ecology and Zoology. He holds a Ph.D. in Ecology from the State University of Maringá (UEM) and is known for his research focused on freshwater biodiversity. Leading the Aquatic Biodiversity Laboratory (LaBiAq), his work significantly contributes to the understanding of freshwater ecosystems. His research activities include assessing the impacts of human activities on biodiversity in continental

aquatic ecosystems, addressing topics such as the introduction of invasive species, water contamination (ecotoxicology), climate change, and land use patterns.

Mariana Meerhoff



Dr. Mariana Meerhoff is a Uruguayan biologist and researcher with a notable career in aquatic ecosystem ecology. She is a full professor at the University of the Republic (UdelaR, Uruguay) and an honorary associate researcher at Aarhus University in Denmark. Her research focuses on the aquatic ecology of subtropical shallow lakes, streams and ponds, with an emphasis on the impacts of climate change, eutrophication, and the interaction between aquatic community structure and the carbon cycle. She is recognized for her innovative work, which combines field studies,

experiments, and models to understand how global warming can affect the stability of aquatic ecosystems. Throughout her career, she has received several awards, including the International Recognition for Professional Excellence in Limnology, and the L'Oréal-UNESCO For Women in Science award.

Marcelo Manzi Marinho



Dr. Marcelo Manzi Marinho is a professor at the Universidade Estadual do Rio de Janeiro (UERJ, Brazil) within the Department of Plant Biology at the Institute of Biology Roberto Alcântara Gomes (IBRAG). He completed his Ph.D. in Ecology at the Universidade Federal do Rio de Janeiro (UFRJ, Brazil) and is a CNPq Research Productivity Fellow. His research is primarily focused on limnology and the study of freshwater ecosystems, with a specific interest in phytoplankton, cyanobacteria, and cyanotoxins. He is known for his work on controlling eutrophication and addressing cyanobacterial blooms in water bodies, significantly contributing to the understanding and

management of these environmental issues.

Carolina Joana da Silva



Dr. Carolina Joana da Silva is a professor at the Universidade do Estado de Mato Grosso (UNEMAT, Brazil), where she teaches and supervises students in the Graduate Program in Environmental Sciences and the Ph.D. program in Biodiversity and Biotechnology of the Legal Amazon. She holds a master's degree in Ecology (INPA, Brazil), a Ph.D. in Ecology and Natural Resources (UFSCar, Brazil), completed a postdoctoral fellowship in Limnology of Tropical Wetland Areas at the Max Planck Institute in Germany and was a visiting researcher at the E. T. Odum Wetlands Institute at the University of Florida (U.S.A). She also works at the Mato Grosso Secretariat of Science, Technology, and Innovation (SECITEC), chairing the

National Council of the Pantanal Biosphere Reserve. Her research focuses on the limnology of the Pantanal and floodplains, with additional studies on ethnobotany, ethnoconservation, and the impacts of climate change. She is recognized as a pioneer in limnological research in the Pantanal, and her career is dedicated to the conservation and study of freshwater ecosystems in the region.

Josué Ribeiro da Silva Nunes



Dr. Josué Ribeiro da Silva Nunes is a Professor of Ecology at the Universidade do Estado de Mato Grosso (UNEMAT, Brazil), with vast experience in Environmental Sciences. He holds a PhD in Ecology and Natural Resources and a Master's degree in Ecology and Biodiversity Conservation from the Universidade Federal do Mato Grosso (UFMT, Brazil). With research interests that include climate change, regional development, and environmental management, he is known for his work concerning the social controversies of the Mato Grosso Fishing Law.