

My name is Nathan Barros; I'm Brazilian PhD student at the Aquatic Ecology Laboratory – University of Juiz de Fora (UFJF). I'm biologist (2006) and I had the master degree on Ecology on 2008 by UFJF. My master dissertation focused interactions between viruses and bacteria approaching the implications to carbon cycle in an Amazonian lake. The central goal of my PhD studies is the implication of natural (lakes) and man-made (hydroelectric reservoirs) to biogeochemical processes, especially those connected to greenhouses gases. My advisor, Dr. Fábio Roland and I are member of GLEON. The participation of our group in GLEON enabled my first international experience.

During two months (from beginning of last July to September 14) I was at University of Wisconsin-Madison with Dr. Paul Hanson and his students. I had great scientific opportunities during my stay at UW. I was able to update both methodological and conceptual limnological skills. I did so many contacts as well, besides intense moments of scientific debates.

I participated on “Metabolism of Lake Mendota” project, coordinated by Dr. Hanson, initially; it was a valuable experience. After, I moved to Trout Lake Station and stayed under Dr. Tim Kratz supervision. It was a remarkable period due my participation on some ecological projects, such as LTER (Long Term Ecological Research) and Microbial Observatory. I had a terrific personal interactions on that station. Back to Madison, I spent the time discussing data and share ideas with Dr. Hanson.

I'm very grateful to Dr. Paul Hanson, GLEON and Dr. Fábio Roland to support this exchange. It was a grateful opportunity toward to my scientific career and personal skills.