

Md. Khalequzzaman

It is good to be back to my full-time teaching career after serving as the department chair for three years. I enjoyed being the chair, but I would rather be teaching. In addition to teaching GIS and an Honors geology class, I am teaching a science seminar on water resources for the first time. Unlike other water-related courses that I teach, such as hydrogeology, aqueous environmental geochemistry, and oceanography, this class gives me the opportunity to examine the world water resources from a much broader perspective. The format of this class provides me an opportunity to learn from the collective wisdom of my students.

I have been involved in several community-based research projects involving study of the impacts of agriculture on water quality, and the efficiency of an AMD passive treatment facility. I work closely with Beech Creek Watershed Association, Sugar Valley Watershed Association, Greater



Nippenose Valley Watershed Association, and Susquehanna Heartland Coalition for Environmental Studies. The latter is a coalition of faculty members from six universities and several state and local organizations in central Pennsylvania who are involved in environmental research. I received several outside grants to carry out these projects, which allowed me to provide hands-on research experience to many of our majors. Nothing gives me more pleasure than being able to support our majors through writing recommendation letters for employment and for admissions to graduate schools. Most everyone who worked on my research projects were successful securing gainful employment in the geology field or were able to get admitted to graduate schools, including to my own alma mater – University of Delaware. I am also involved in various environmental research projects in Bangladesh. Over the last few years, I have published numerous papers in peer-reviewed journals, and in local, national, and international newspapers.

On a personal level, I am looking forward to my son's December graduation from LHU with a BS in Applied Physics – Nanotechnology.