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I have a Ms. in Ecology and currently I am a PhD candidate at the department of Ecology at Federal University of Rio Grande do Norte – UFRN, Natal/RN – Brazil. I am also pursuing a bachelor's degree in architecture & Urbanism (to be conclude June/2019). I have been working in two lines of research, one focused in ecosystem processes related to freshwater quality and biodiversity and the other one related to sustainable urban planning. For my PhD, I am studying the effects of land use and its interactions with climatic and landscape properties on water quality and water biodiversity. Freshwaters comprise a great proportion of world's biodiversity supporting a multitude of ecosystem services. Availability of freshwater within good quality parameters are of special interest in semi-arid regions (e.g. Brazilian northeast) where droughts imposes extended periods of water shortage and the reliance of local populations on these resources puts a high pressure on aquatic system. Anthropogenic modification of natural habitats through different types of land and climate changes has been pointed out as the main causes of water quality degradation. I believe that conservations and management of ecosystems should be proactive and not reactive, and this is in line with the goals of developing and reporting future scenarios. In addition, scenarios are usually a very comprehensive way to report scientific findings to managers, politics and the public in general, thus enabling the elaboration not only of public policies based on research but also making scientific research results more accessible to the general public.