

December 03-04, 2018
Rome, ItalyAbdelazim Negm, J Mar Biol Oceanogr 2018, Volume 7
DOI: 10.4172/2324-8661-C2-013

Egyptian coastal lakes: Challenges and development strategies

Abdelazim Negm

Zagazig University, Egypt

The Egyptian coastal lakes and wetlands are very important globally as it has major contribution to wild life habitat. They contain five of the most productive wetland ecosystems in the world. Also, they could be a source of wealth for the Egyptian society and country's economy. Therefore, discussing the challenges and opportunities for improving the current status of the lakes is a major priority of Egyptian government during this stage of country's economic development. This presentation provides an up to date overview of the Egyptian Northern Coastal Lakes beginning from its origin, the physical and chemical properties; opportunities, challenges and adaptive management; the lakes hydrodynamics and its modeling techniques, the climate change and water quality modeling and their impacts on lakes sustainability, the lakes sustainability and their role in the Egyptian economy; the usage of remote sensing in monitoring and management plans and the lakes precious biodiversity as well. Development strategies of the lakes will be presented to support the sustainable development goals 2030 of Egypt.



Biography

Abdelazim Negm is a Professor of Water Resources (Environmental Engineering) at the Faculty of Engineering, Zagazig University, Egypt, since 2004. He got his PhD in 1992 from Zagazig University (ZU) and MSc from Ain Shams University in the year 1990. He was the Vice Dean of the Faculty of Engineering of ZU from 2008 to 2011 and was the head of the Environmental Engineering Department at Egypt-Japan University of Science and Technology (E-JUST), Egypt 2013 to 2015. He participated in several international projects since 2006 until now. He published more than 400 papers (and book chapters) in National and International journals and conferences. Some of his papers were awarded the prize of the best papers. He is the Editor of several volumes at the Springer Handbook of Environmental Chemistry series (HEC series). Two volumes were published in May 2017 and one of them was within the top ten in water science for the year 2017. Also, ten volumes will be published during the year 2018/2019. He is a Reviewer for more than 22 scientific journals and Associate Editor of few journals. He is a member of the scientific committee of several international conferences. He is an Associate Editor of two Springer's Journals. He participated in more than 90 conferences as a speaker, keynote speaker and chairing sessions. He is listed in Marquis Who is Who?, IBC's 2000 Outstanding Intellectuals of the 21st Century and in ABI directory for his achievement in the field of Environmental Engineering.

amnegm85@yahoo.com