

Ecological management of urban rivers

Presenter: Prof. José Galizia Tundisi – Feevale University in Brazil

Abstract:

Limnology is the study of inland waters, including rivers. Rivers which are crossing large urban areas are subject to human activities as pollution by sewers and industry, which rises the amount of floating material, nitrogen and phosphorous. In order to preserve the environmental conditions for maintaining biological balance in urban rivers (environmental impact) and assuring good health conditions to the population (public health impact), a constant monitoring of the river must be performed, which assist on creation of plans for river quality management. Prof. Tundisi is expert on establishment of urban river water quality evaluation platforms and management plans for improving quality and recovery.

Biography:

Professor José Galizia Tundisi has a Master in Oceanography from University of Southampton (1966) and a PhD in Biology (Botanic) from University of São Paulo (1969). He is currently working at the post-graduation program of the Federal University of São Carlos and of University Feevale. He is the president of the International Institute of Ecology and Environment Management (IEE), member of the Brazilian Academy of Sciences and of the Ecology Institute – Excellence in Ecology (Germany), and has been president of the National Council for Scientific and Technological Development (CNPq-Brazil 1995-1999). He is specialized in ecology and limnology, with emphasis in management of aquatic ecosystems recovery, and had worked as consultant in 40 countries in the areas of limnology, management of hydric resources, recovery of lakes and reservoirs. He has 30 books, 6435 citations and h-index 39.