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Prospects of water bodies pollution in India

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Water pollution is a major environmental issue in India. The largest source of water pollution in India is untreated sewage. Other sources of pollution include agricultural runoff and unregulated small scale industry. Most rivers, lakes and surface water in India are polluted. Water pollution adversely affects not only aquatic plants and animals but it also affects human beings and ecosystems. A 1992 World Health Organization study reported that out of India's 3,119 towns and cities, just 209 have partial sewage treatment facilities, and only 8 have full wastewater treatment facilities. Downstream, the river water polluted by the untreated water is used for drinking, bathing and washing. A 1995 report claimed 114 Indian cities were dumping untreated sewage and the partially cremated bodies directly into the River Ganges. Lack of toilets and sanitation facilities causes open defecation in rural and urban areas of India, like many developing countries. This is a source of surface water pollution. A 2007 study found that discharge of untreated sewage is the single most important source of pollution in surface and ground water in India. There is a large gap between generation and treatment of domestic waste water in India. Major cities of India produce 38,354 million liters per day (MLD) of sewage, but the urban sewage treatment capacity is only 11,786 MLD. The effects of water pollution strongly impact the balance of nature, which ultimately impacts all humans. With proper care and consideration, many of the situations that cause water pollution can be stopped or decreased.

Biography

I am K. Sandhya Rani completed Master of science(Agriculture) in Agronomy at Acharya N.G Ranga Agricultural university, Hyderabad, Telangana state. I have experience as senior research fellow on Indian meteorological department(IMD) funded project of Forecasting of agricultural output by using space, agrometeorology and land based observations. I have published the research papers in journal and popular articles.

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