ECOTECH EDUCATION AND ECOSYSTEM CONSERVATION OF THE LAKE CHILIKI, ORISSA.

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ABSTRACT

Any technological application that uses ecological system is the Ecotechnology (ET). ET is a multibillion dollar industry. The ecological world is the panacea of novel genes. Ecological diversity and novel products; molecular diversity; bioremediation and pollution control; organisms as factories for producing proteins, pigments, medicines etc. through cutting edge biotechnologies is for societal transformation, sustainable development, food security and environmental conservation. Lake Chilika, technically a coastal or estuarine lake of Orissa is the second largest lake of the world. The services of ecosystem of Lake Chilika that produces eco-resources are critical to the functioning of our life support system. Mother Chilika contributes to our welfare and the economic value is much more than billions of rupees per year. Chilika regulates air, water, soil and food, fibre, fuel of the state Orissa. Chilika ecosystem goods (e.g. food) and services (e.g. recycling of resources) present a challenge for our education in conservation, restoration, management and development of Chilika lake-ecotech industries in our state Orissa.

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