

Float

the news

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Indomer's Role in setting up Desalination plants in India

Indomer is the leading company in India, carried out most of the Desalination Plant projects all over India. Indomer's expertise is to offer total consultancy in marine side on seabed investigations, locations for intake and outfall, modelling of current circulation and dispersion of brine reject, design of seawater intake head, diffuser ports & stability of pipelines, Environmental Impact Assessment for obtaining the State and MoEF&CC clearances, CRZ mapping, erosion mapping and presentation to various authorities. We have vast experience in this field for the past 20 years and carried out around 30 Desalination plant projects including 100 MLD Minjur plant, 100 & 150 MLD Nemmeli plants and 400 MLD Perur plant for Chennai Metrowater and 0.15 MLD LTTD plants at six islands of Lakshadweep for NIOT etc.

Indomer's Data Base

Indomer has in possession large database collected all over the Indian coast for the past 20 years. It includes bathymetry, sea floor geology, currents, tides, planktons, benthic organism, benchmark etc. These data are available for users through our website (<https://www.indomer.com/data/>) or by sending an enquiry to: ocean@indomer.com.

War for Water

Water will become the most sought-after natural resource most likely to cause wars in the 21st century, according to the World Bank. Chronic water shortages already affect 40 per cent of the world's population in 80 countries and the situation is set to become far worse with an expanding population and ever-increasing demand for water. Global demand for water is increasing at a rate of 2.3 per cent a year, doubling every 21 years. "Supply can no longer keep up with this rate of growth," the World Bank warns. A billion people in the world today do not have access to clean drinking water and almost as many again lack adequate sanitation facilities. Dirty water causes 80 per cent of the disease in developing countries, killing 10 million people each year.

An environmental specialist said that the Middle East is the most likely focal point for future wars over water. "There is a high potential for conflict of a military nature in the river basins of the Jordan, Tigris and Euphrates," he said. People living in the Middle East and North Africa will experience one of the most precarious water supplies in the world. The growing population in this region has already begun to overwhelm traditional water sources, the World Bank says. "From 1960 to 2025, per capita renewable water supplies [in the Middle East and North Africa] will have fallen from 3,430 cubic metres to 667 cubic metres, or an 80 per cent drop within a single lifetime.

The contamination of water supplies by increasing levels of pollution will result in a spiral of decline for water resources. About 95 per cent of the world's sewage is poured straight into rivers, where it is joined by growing amounts of industrial waste. Most rivers in and around cities and towns are a little more than open, stinking sewers constitute a reservoir for cholera and other water-related diseases.

From MD's Desk

Dear friends



The clearance procedure for conducting marine investigations and getting permission from State Maritime board, Marine police, Coast guard, Forest department, District collector etc. are becoming stringent day by day. These procedures cause undue delay in commencing the investigations.

National Green Tribunal asked all the states to prepare the Coastal Zone Management Plan (CZMP) before March 2017, but it is still under preparation. MoEF&CC is keeping hold the CRZ clearances of the port & harbour projects due to this delay. National Centre for Sustainable Coastal Management (NCSCM) has been authorized to prepare the CZMP with details on High Tide Line, coastal ecosystem, mangroves, salt marshes, tidal flats, coral reefs, etc. Doing oceanography business is becoming more responsible with time. Quality Council of India (QCI) - NABET is strictly implementing procedures to safeguard the environment. It imposes various stringent guidelines on consultants to ensure the quality of EIA reports.

Let us all preserve the ocean

Dr. P. Chandramohan, Managing Director

Earn your success based on service to others, not at the expense of others.



Mr. Ferdinand Christiaan Vis, Port Planning Expert, Former Port Planner, ARCADIS, Netherlands, Former Manager, Alkyon Hydraulics and Scientist, Delft Hydraulics visited Indomer. He will associate with Indomer as port planning consultant for projects related to port development, mathematical modelling and coastal process.

