By:

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Big chunk of Antarctic ice shelf falling apart

PRESS TRUST OF INDIA
NEW YORK, MARCH 26
A HUGE chunk of ice measuring
13,680 square kilometres or about
seven times the size of Manhattan island has begun to collapse because
of climate-change in the fast-warming region of Antarcica.
The scientists at the US National
Snow and Ice Data Center (NSIDC)
at the University of Colorado, USA,

SCIENCE NOTES



4 NATIONAL NETWORK

The Indian EXPRESS

VADODARA ■ WEDNESDAY ■ JUNE 23, 2004

1 m rise in sea level will displace 1.7 million Indians, says report

EXPRESS NEWS SERVICE
CHENNAL, JUNE 22

THIS is not from the film Day after Tomorrow, but the Government of India's report to the United Nations on climate change

Parts of it read like a weather-horror story: The sea levels in India are rising and even a further one metre increase in sea levels is estimated to displace about 1.7 million people in the country, wash away 4,200 kms of roads and destroy 5,764 sq.kms of

The Gulf of Kutch and the West Bengal coast have recorded the highest rise in sea levels in the present climatic conditions, ranging between 0.4

According to the initial national communication to the United Nations Framework Convention on Climate Change (UNFCC) released by the

Raja, at a national worl shop here, "Future cl mate change in coaste zones is likely to be man fested through worsenin of some of the existin coastal zone problems,"

The report containing climatic projections, with 1994 as base year, will be presented this week to the

Convention, which aims to stabilise greenhouse gas concentrations in the atmosph here.

over 7,500 sq km and the population density in coastal areas is 455 persons per sq km — 1.5 times more than the national average of 324 persons per sq km.

report indicates strict maximum tems by 2-4 degree at the 2050s. In the

north, the increase in maximum temperature may exceed 4 degrees, which may further rise in southern parts. There is also a possibility of overall decrease in the rainfall days

rins accrease is greate titions, with in the western and centra ear, will be parts by 15 days, whill week to the closer to Himalayas;

h and by 5-10 de Coast The re predicts n water scal in r b a sei n Especia the r

basins of Sabarmati and Lunci, which occupy about a quarter of Gujarat and 60 per cent of Rajasthan. The Cauvery, Ganga, Narmada and Krishna River basins are likely to experience seasonal or regular waterstressed conditions.

sonal or regular waterstressed conditions. Consequently, the food security of India "may be report. "Food security of India may be at risk in future due to the threat of climate change leading to increase in frequency and intensity of droughts and floods."

The positive side to the report states: Greenhouse gas emission by India is "very low" — per capita emission is 0.87 tonnes of carbon dioxide equivalent per annum and aggregate emissions are about 3 per cent of the global recei

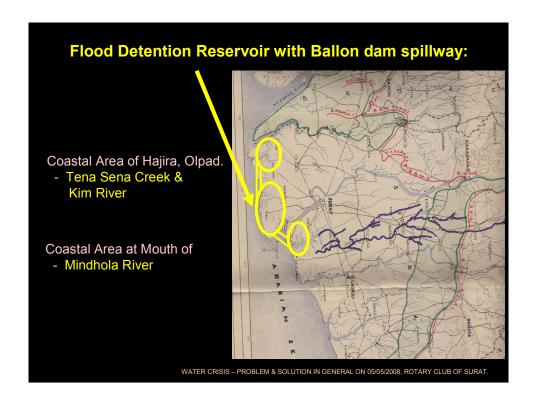
Addressing the workshop on Coastal Regulation Zone (CRZ) in Chemai, the Environment Minister said a CRZ management system that balances both conservation and development aspects has to be

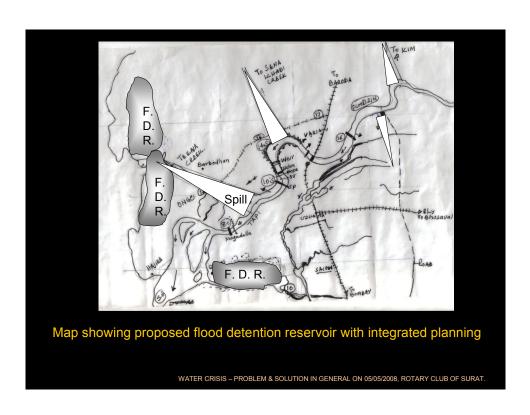
An expert committee headed by scientist, Dr. M.S. Swamination, has been set up to consider the entire gamut of issues, which will submit its

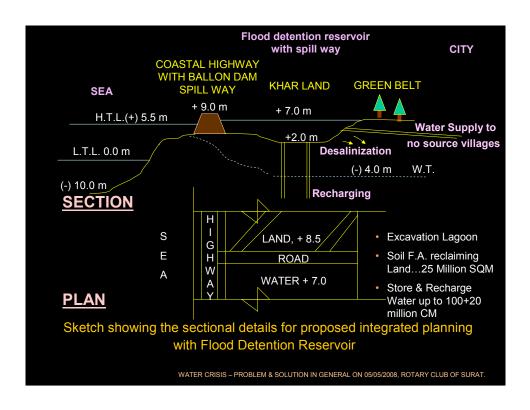
WATER CRISIS - PROBLEM & SOLUTION IN GENERAL ON 05/05/2008, ROTARY CLUB OF SURAT.

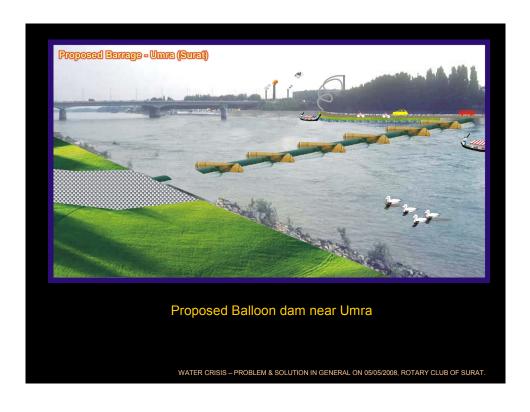


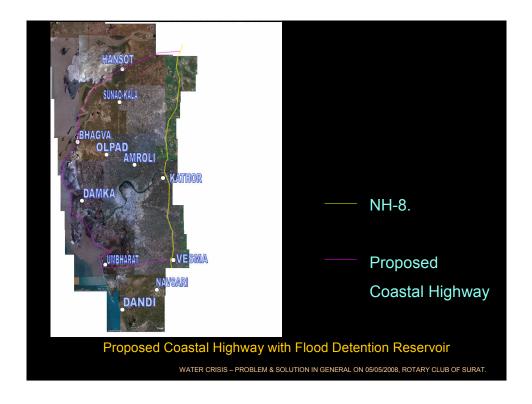
Map showing the khar land area for Surat

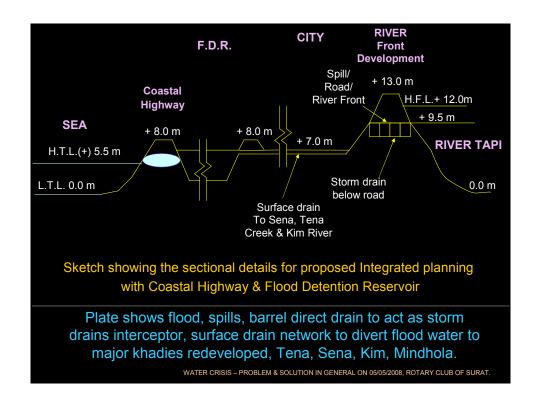


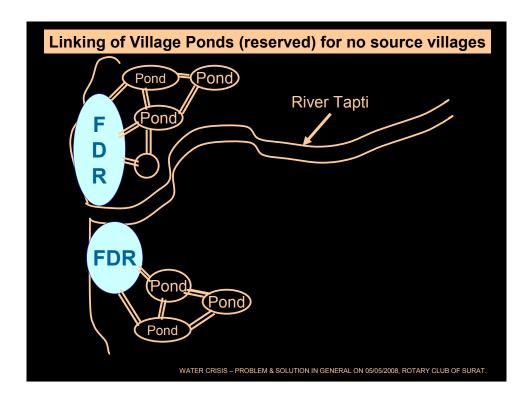








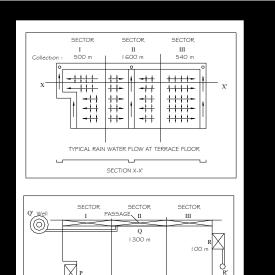




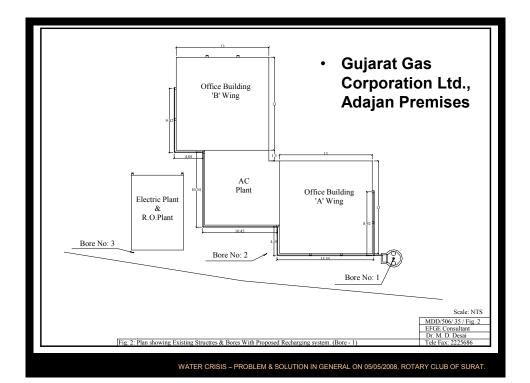
Radha Krishna Textile Market Ring Road, Surat

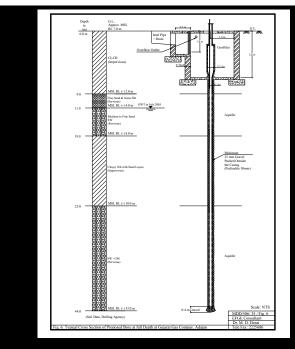
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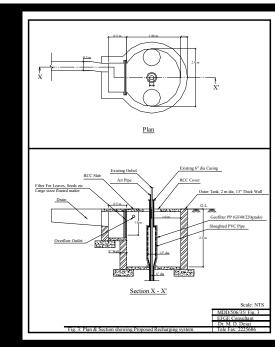
Gujarat Gas Corporation Ltd. Adajan Premises



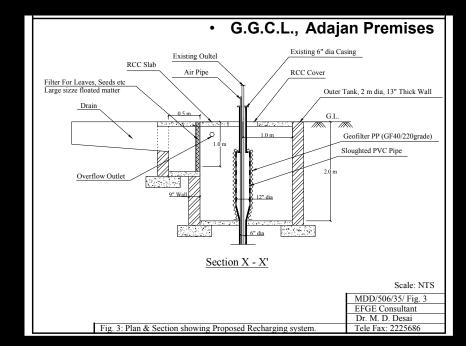


• G.G.C.L., Adajan Premises

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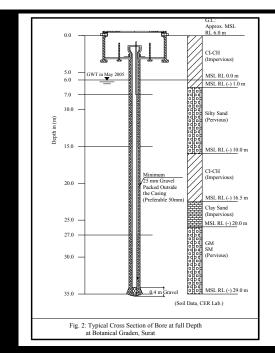


G.G.C.L., Adajan Premises



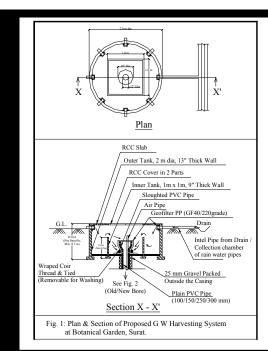
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Botanical Garden Surat



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