Website on Ocean Forecast System

Express News Services

Hyderabad: National Disaster Management Authority vice-chairman Marri Shashidhar Reddy on Thursday has released an atlas on Coastal Vulnerability Index (CVI), a measure of the relative risk due to the physical changes in sea level during natural disasters like Tsunami.

He also launched a website for ocean forecast system along ship routes to facilitate better navigation and released a DVD on Argo Data Products (Version 2) at the inaugural session of the second interaction workshop conducted by the Indian National Centre for Ocean Information Services (INCOIS) here on Thursday.

Speaking on the occasion, Reddy said despite the country has world-class experts and equipment, there is still a lack of awareness on the Tsunami and other sea disasters among the fishermen and villagers of coastal region.

There is a huge gap between the developments in the field of science and technology and their usage by common man, which would be narrowed down by creating awareness among the masses, he said.

The INCOIS, Hyderabad, which has a Tsunami Warning Centre, provides a wide range of information including Potential Fishing Zone (PFZ) advisory, ocean forecasts on waves, currents, sea surface and temperature. The daily forecast, made in every three to six hours, is of great help to fishermen, shipping industry, navy and the ONGC, he said.

About 70 percent of the fishermen in the country are being benefited by the information, Reddy said, citing the fishermen from Andhra Pradesh, Pondicherry and Tamil Nadu have earned ₹23,000 crore more in 2012 than the previous years.

More than 200 persons including fishermen, Navy and ONGC officials, researchers and students attended the workshop.

INCOIS releases atlas on risks of rise in sea levels

Staff Reporter

HYDERABAD: The Indian National Centre for Ocean Information Services (INCOIS) on Thursday launched Coastal Vulnerability Index (CVI), an atlas which determines the relative risks of a coast due to future sea-level rise.

A new product called ‘ocean forecast system along the ship routes’ was launched and a DVD on Argo Data Products containing 1,76,890 temperature and salinity profiles of Indian Ocean was released at the second user group interaction workshop organised by INCOIS.

In all, 156 maps to the scale of 1:1,00,000 of all coastal areas of the country generated based on seven physical and geological parameters such as tidal range, wave height, coastal slope, coastal elevation, shoreline change, geomorphology and historical rate of relative sea-level change form part of the CVI atlas. They highlight the coastal regions where the physical effects of sea-level rise may be the greatest and will be of use in planning of coastal infrastructure and disaster management.

Speaking on the occasion, Vice-Chairman of the National Disaster Management Authority (NDMA), Md. Shashidhar Reddy, stated that the information generated and disseminated by INCOIS on potential fishing zones had helped about one lakh fishermen groups get an additional Rs. 23,000 crore income during the last year.

A member of NDMA N. Bhat-tacherjee said the ocean forecast system would provide daily updated forecast on ocean state parameters.