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INCOIS releases atlas on risks of rise in sea levels

Staff Reporter

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), M. 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.

Member of NDMA B. Bhattacharjee said the ocean forecast system would provide daily updated forecast on ocean state parameters.