

Present Situation of China for Prevention and Management against Marine Disasters

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Marine disaster prevention and management is a complicated natural-economical-social system. It must rely on the progress of marine science and technology. This paper introduced main kinds of marine disasters and its characteristics happened in China in recent years. In 2008, there were about 134 times marine disasters including storm tide, ocean wave, sea ice disasters, red tide and some other kinds of marine disasters. These marine disasters caused direct economic losses about 20.6 billion Yuan and 152 deaths.

To establish and improve marine disaster warning system and emergency management, the Chinese government attaches great importance to the prevention and management against marine disasters. In order to reduce the losses of the marine disasters, a marine environment detection and ocean disasters observing and forecasting system have been built, relying on the marine observing technological development. This marine disaster observing, forecasting and management system, including forecasting, emergency response and management mechanisms are discussed in detail in this paper. Based on the discussion, some suggestions are given: (1) set up the strategic concept of natural reduction through science and technology; (2) reinforce marine disasters monitoring; (3) strengthen marine disaster forecasting and warning; (4) strengthen the studies on science and technology of marine disasters; (5) enhance investigation, evaluation and analysis of marine disasters; and (6) develop some products related to disasters reduction technology.



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