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Title: Possibility analysis of tsunami taking place in east sea area of China

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摘要: 由强地震引发的印度洋大海啸在短短几个小时内就演变成了一场巨大的人间惨剧。这样的2004年12月26日自然灾害,人类能不能预防?它的形成机制是什么?我国历史上发生过海啸吗?在未来我国哪些地区会发生海啸?就上述问题,作了可能性分析。印度洋海啸的发生可以说既是天灾,也是人祸。人类虽说还不能控制地震、海啸等天灾的发生,但可以通过预报等措施来减轻它们造成的损失。我国历史时期曾发生过多次海啸,台湾周围海域是海啸的高发区域,其次是大陆架区域,渤海是低发区域。在未来,东海、南海,特别是台湾岛附近海域具备产生海啸的条件,即海南、台湾存在成灾条件;其次是上海、广州,也存在潜在的海啸危险;沿海其它城市亦应居安思危。

Abstract: A violent tsunami in the Indian Ocean on December 26, caused by strong earthquake, led an disastrous tragedy in the human world for amoment. Cannot such natural calamity be prevented? What is its formation mechanism? And had tsunami taken place in the historical period of China? In which areas will Tsunami take place in China in the future? In this article, the problem smentioned above were discussed. The emergence of tsunami in the Indian Ocean was not only natural disaster but man-made calamity too. Although mankind can not yet controleme gence of natural disaster, such as earthquake, tsunami, etc., we can lessen losses that they cause through the measure of prediction. A lot of tsunami has taken place in sea area of China in historical period, and it usually did in the areas around Taiwan. Tsunami is likely to take place in the East Sea and the South Sea, especially the areas around Tawian island in the future; Secondly it is Shanghai, and the next is Guangzhou. And other coastal cities should think of danger in tmies of safety too.

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