

Small-scale Structure of Humen Estuary of the Pearl River and Numerical Model of the Impact from Fuzhou Channel

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Abstract: The small-scale structure of Humen estuary of the Pearl River was dynamically analyzed by using ecomsed model and curvilinear grid technology. The results show that there is bi-orientation asymmetry jet system in the upriver and downriver of the Humen estuary. During ebbing, high concentration suspended sands pass through the Fuzhou channel and injects a tongue-like plume into the Lingding ocean bypass Jibaosha. The effluent injected from the western part of the Fuzhou channel makes a notable impact on dynamic and depositional system of the Humen estuary.

Key words: Ecomsed model; Humen; Fuzhou channel

· 简 讯 ·

中山大学获国家自然科学基金资助再创新高

2005 年度国家自然科学基金项目评审结果日前公布, 中山大学获国家自然科学基金资助项目总数为 183 项, 资助经费超过 5600 万元, 面上资助项目及金额都再创历史新高, 居全国第七位。与中山大学历史最好成绩 2004 年的资助项目总数 136 项、资助总金额 3070.5 万元相比, 分别增长 34.6% 和 82.5%。今年获资助的 183 个项目中, 其中面上项目 169 项, 资助金额为 4304.1 万元; 重点项目 4 项, 资助金额 480 万元; 国家杰出青年基金获得者 7 人, 资助金额 700 万元; 海外、港澳联合资助基金 3 项, 资助金额 120 万元。

今年中山大学理工科获国家基金资助项目有较大突破, 从各单位获资助情况来看, 数计学院、信息学院、化学与化工学院居前三位, 获准率较高。

(张 讯)