

工程与应用

外大陆架坡脚线自动绘制研究

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摘要 大陆坡脚是一项重要地形特征,可作为扩展大陆架的权利和划定其外部界线的基础。严格遵照联合国76条规定,基于ArcGis Engine平台,依托我国多比例尺基础地理数据和水深数据,根据海底地形确定外大陆架大陆坡脚点,然后选择合适的点自动连线生成坡脚线。该方法的研究对于我国外大陆架的划界有着非常重要的参考作用。

关键词 [大陆架](#) [坡脚点](#) [坡脚线](#) [海洋法](#) [76条](#) [ArcGis Engine](#)

分类号

Study to automatic drawing of foot line of extended continental slope

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Abstract

The foot of continental slope is an important terrain characteristic and is a basic evidence to get the out limit line of the expansion continental shelf right. Based on the ArcGis Engine platform, depended on our country multi-scales basic geography data and bathymetric data, and strictly obeyed the United Nations article 76, the outside continental shelf slope point is gained according to seabed terrain data, then appropriate point is automatically choose to produce the foot line of continental slope. The research to the foot line of the continental shelf is very important for us to get the out limit line and regard our country.

Key words [continental shelf](#) [the foot of continental slope](#) [the foot line of continental slope](#) [law of the sea](#) [article 76](#) [ArcGis Engine](#)

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