

Research, Database Construction of Oil and Gases Exploitation and Processing Units in the East Sea, and Preliminary Assessment About Potential of Oil Spills in the Vietnam Sea

ANH Le Van, Vietnam

Key words: Coastal Zone Management; Geoinformation/GI; Risk management; oil; gases; oil spills; database

SUMMARY

Recently, the oil pollution in the sea has become the hot news problem. The causes of oil pollution in the sea can come from many different origins. One of the causes is due to the exploitation and processing of oil and gases. Operations including the exploratory drilling, exploitation, processing and transportation of oil and gases are carried out every day in the East sea, especially at south sea area of Vietnam. To have an overview about these operations, it is very necessary for building an sufficient and systematic database. This article will provide methods building a database of exploitation and processing of oil and gases in the East Sea based on ArcGIS software with layers about the exploitation and processing of oil and gases is designed and built up in term of the structure tree type of Geodatabase with WGS-84 coordinates system. The study area is limited from 10 to 25o N and from 100o to 121o E. On the basic of the database, author is making preliminary assessment about potential of the oil spills in the Vietnam sea area. Và đây là cấu trúc CSDL của em thầy ạ. Em không biết vấn đề này của em làm có thể tham gia viết bài được không nên em gửi và nhờ thầy xem trước cho em ạ. Em cảm ơn thầy ạ.

CONTACT

Ms Nguyen Kim. Anh
Institute of Geography
Vietnamese Academy of Science and Technology
Hanoi
VIET NAM
Email: fig7vietnam@gmail.com