

ANALYSIS OF CHANGES IN THE RED TIDE DISTRIBUTION BY TYPHOON

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ABSTRACT: Red tide which is one of the marine environmental problems has given a serious impact on the marine ecosystem. It has occurred by the complex interaction of the marine environment. Typhoon that occurred every summer changes the marine environment around the Korean Peninsula. As the effect, the sea surface temperature goes down and biological changes occur. The changes in the marine environment are able to observe by GOCI/COMS which are an ocean color sensor. In this study, we investigated the changes in the spatial distribution of red tide and chlorophyll before and after the occurrence of typhoon in the South Sea of Korea.