

Use and Applications of RS and GIS for Disaster Management in Vietnam

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Vietnam is a country which suffers with many kinds of natural disaster, including potential dangerous impact of global climate change. The latest international studies of World Bank, Asian Development Bank and of other international and domestic organizations and scientists show that Vietnam is in top 5 of countries in the world which will be under most serious impact under climate change.

The process in dealing with Natural Disaster Management and fighting with Climate Change in our country becomes more complicated with more difficulties. So together with mobilization of traditional methods we have also pay very much attention on utilization and applications of new achievement in science and technology. Some of the most important and valuable of them are applications using GIS, GPS, DEM, Remote Sensing (including Meteorological satellite, Earth observation and Communication satellites), Internet, numerical modeling, integration measures etc... Establishment of data base in GIS environment becomes more remarkable and practical.

Nowadays we cannot imagine about Natural Disaster and Climate Change Management without utilizing above-mentioned applications. However, there are also a lot of challenges on how to compile and apply them in the operational practice. However it is important that we know about that and we have started to apply them for less damages, better human life protection for contribution to socio-economical development of Vietnam.

That all we are to be showed in presentation.