

DISASTER IMPACT ASSESSMENT PROGRAM FOR SUSTAINABLE DEVELOPMENT IN KOREA

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Due to the natural and man-made causes, Korea has suffered from flood disasters annually, and it is necessary that we should establish the countermeasures to save lives and properties. In the results of three-year research, the DIA (Disaster Impact Assessment) program was executed at July of 1996. The DIA program as a regulation has enacted, based on the Natural Disaster Countermeasures Law at the start point. The DIA program is the only unique regulation for mitigation and preparedness for natural disasters in Korea. Under this program, the developers have to construct flood mitigation facilities to reduce increased causes of flooding due to the development project, and have to be considered and permitted by the Central Assessment Committee. The DIA program includes institutional and engineering parts, especially in the hydrological aspects, and the NIDP(National Institute for Disaster Prevention) has its roles to correct and propose some criteria and legal decision on the management of DIA program. In this paper, we are to introduce the definition and progresses of DIA program. Also, we are to explain its hydrological and geological models and our hereafter directions.

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