

Developing Information System Supporting Environmental Management for Industrial Zones

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Keywords: Geoinformation/GI; Spatial planning; Extra: environmental management; industrial zones

SUMMARY

Construction and development of industrial zones (IZ) are being common tendency in many developing countries in order to bring about a positive change in the economics. During the past years, many IZ formed and developed strongly in Vietnam affirm their important role in the national economics. Beside the positive contribution to the economic development, the IZ also intensify the pressure of environmental pollution. Although there has been considerable effort from the authority, this seems to be insufficient to the demand of environmental protection. In order to effectively support the environmental management of the IZ, one should firstly create effective management tools basing on the application of the newly informatics' achievements because of the fact that good tools do help to form the effective management system. This article presents the result of information technology application in environmental management of IZ in Vietnam. For the case study for Hepza (Ho Chi Minh City Export Processing And Industrial Zones Authority), the article introduces the research on building TISEMIZ program (Tool for Improving Strength Environmental Management for Industrial Zone) using database and WebGis technology. The objectives of TISEMIZ are to support the IZ and the local environmental management authorities in storing and seeking the data on environmental management, to help in information exchange and periodic report between the IZ and the local environmental management authorities.

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