

93년도 경영과학회 추계 학술대회
ABSTRACT

“Challenges in UPMIS (Urban
Planning MIS)”

포항공과대학 산업공학과
경영정보시스템 연구실
서 의호, 변 대호, 이 영민, 이 정영
(포항공대 산업공학과)

Since most MIS(Management Information Systems) researchers have focused their interests on application of MIS to business-oriented organizations, it is believed that MIS is a most suitable concept and a tool to profit-making activities for commercial corporations. Similar statement can be made for the MIS-siblings such as EIS(Executive Information Systems) and ISS (Decision Support Systems).

It is our finding that MIS, in fact, could be applied with a decent success to diverse non-profit sector organizations such as government, and hospital, and non-profit making activities such as public budget planning, and urban planning. Recently, the system named GIS(Geographical Information Systems) has drawn a lot of attentions because of ever-increasing importance of geographical planning in diverse areas.

We first review the non-profit sector application of MIS and other information systems, address the benefits the non-profit sectors could get from adopting MIS, and provide successful cases with annotated discussions.

Then, we provide the challenging issues of UPMIS(Urban Planning MIS) with identification of possible academic and practical research topics. Some of the cautions, in comparison with traditional MIS research methods, are suggested for non-profit sector MIS researchers.