ABSTRACT

MILITARY GEOGRAPHIC INFORMATION SYSTEMS AS A LAND NAVIGATION IN THE IMPLEMENTATION OF FIGHTER TRAINING AT EDUCATION 204 SQUADRON SULAIMAN AIR FORCE BASE BANDUNG

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Geographical information system is a device with a computer system used to map the conditions and events that happen on earth. GIS technologies are capable to integrate operating systems such as database query and analysis stastistic with various geographic analysis benefits offered in the form of maps. With the capability of mapping information system which differentiates it from a database information system, the GIS is widely used by communities, agencies to explain events, predict outcomes and strategic planning (environmental Systems Research Institute, ESRI). Decision making is the process of selecting alternative actions to achieve certain goals or objectives.

Decision making is done by a systematic approach to the problem through data collection process into information plus factors - factors to consider in making decisions.
In a decision process, decision makers are often faced with various problems that originated from the variety of criteria.

As a practical example, instructors often face difficulties in determining the priority in decision making processes and policies to combat training area. Related with this, the Analytic Hierarchy Process (AHP) can be used to solve the problem. By Integrating GIS and decision support systems so builded a software (software) applications supporting combat training, so that the process can be done quickly, accurately, and can be justified scientifically.

Keyword : environmental Systems Research Institute, Analytic Hierarchy Process.