

A SURVEY ON GIS BASED DECISION SUPPORT SYSTEMS

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ABSTRACT

Geographic Information Systems Have Been Widely Used in Decision Support Systems as They Provide Opportunities to Overcome Many of Computer Based Models in Terms of Data Preparation, Information Extraction and Visualization. The Main Objective of This Research Is to Understand and Analyze Several GIS Based Decision Support Systems and Then Comparing it With Ecosystem Management Software Provided by ICIMOD Organization. This Task Includes Finding Common Set of Features and Exploring Latest, Efficient and Effective Services of Different Architectures of GIS based Decision Support Systems.

KEYWORDS: GIS, ICIMOD, DSS, SDSS