GIS Based Emergency Response Information System for Sivakasi Town by using C# and .NET Platform

C.T.Anuradha[1]*, A.Venkatesh[2]

[1,2]*Mepco Schlenk Engineering College, Sivakasi-626005, Tamilnadu, India

Abstract : Emergencies occur anywhere, at any situation, at any place, at any time, and in different ways, will make one at risk. Emergency situations require a speedy response. Thus, it is undoubted to establish direct, fast and efficient software without delay. Hence, the development of emergency response information system has its own value and necessity. The ERIS is known as software that supports the responders for quick and efficient emergency care during the accidental emergency situation. GIS based Emergency Response Information System is proposed for trouble free routing of ambulances and fire vehicles during emergencies. C# AND .NET provides a versatile platform, enabling programmers to use object-oriented methodologies. ERIS was developed under the platform of C# AND .NET. This software was used to locate the nearest emergency responder, and also it provides all the available information regarding emergency care situation through ERIS.
Key words : ERIS, Arc GIS, .NET, C#, Arc View.

*****