



SDSU
presents
a thesis defense for
Master of Science
degree in
Computer Science

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1:00pm
GMCS 405

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*An Interactive Economic GIS Tool for Europe
Using Map Objects for Java*

Abstract

Europe is one of the world's seven continents, which has approximately 50 countries and all are rich in culture, traditions, economy, biodiversity, among other things. This thesis focuses on creating a GIS application about Europe which will give an overview of Europe in various aspects. It covers 50 countries including financial centers, currency used, population, GDP growth, private banks, central banks, stock exchange, coat of arms and flags for each country, using the HotLink Tool. A reference link is also provided for detailed understanding of the above mentioned aspects. The other part of the thesis mainly focuses on the economics of the European Union as well as each country independently, which gives a thorough knowledge about the current investment climate in Europe. A part of this idea is to ensure transparency after the financial crisis in 2008. Further the capital markets of the European Union and other European countries are brought to light to provide a clear picture of their present financial situation.

The application can help in improving policy and decision making, foreign investments, business environment for various development organizations. So this GIS application will be an effective tool for customers to understand the risks in investments by learning about the economic conditions of Europe.

Thesis Committee

Carl Eckberg, Thesis Chair, Department of Computer Science
William Root, Department of Computer Science
Satish Sharma, Department of Electrical and Computer Engineering