



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

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4:30pm
GMCS 418

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Demography Growth in China

Abstract

The emphasis of the thesis is to build an intuitive and robust GIS (Geographic Information systems) tool which gives information on demographic growths in China. The GIS tool incorporates the demographic census data with column graph to help the user understand the growth in China. Key statistics included in census data like population, sex ratio, age ratio, birth, death & natural growth ratio. The tool also incorporates the comparison of China population & urbanization ratio with other high populated countries. The user has the option to select these key statistics by clicking on menu item develop on the tool. The slider tool also helps the user to get the statistics of China provided by the National Bureau of Statistics.

The user can also know about the demographic history of major cities of China by just clicking them onto the map. The information is provided in separate HTML (Hypertext Markup Language) pages which will give information about economy, population growth, languages, religion, health, and culture.

Thesis Committee

Carl Eckberg, Thesis Chair, Department of Computer Science
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