**Fan Zhang**

**Zhiqi Chen**

**Team 1 Review Spatio-temporal databases**

**Relevance to Course Material: Which chapter, section or topics in the course does the presented material refer to (50 word limit)?**

The presented material refers to chapter four, six and ten. It refers to “Models of Geospatial Information”, Structure and Access, and Time.

**Novelty: What is the new information in the Encyclopedia articles with respect to the textbook material (50 word limit)?**

There are some new concepts and definitions related to temporal spatial information system. These articles introduce lots of applications and research areas that involved with those concepts or techniques. Also, these articles talk about the development history.

**Societal Motivation: What is the motivation behind the new information in the Encyclopedia articles? For example, list societal applications that may use these new concepts, use cases for these new ideas, etc. (50 word limit)**

These new concepts are helpful to many subjects, such as spread of epidemics, weather, crime analysis, and air quality.

These techniques had already been used in public health, location-based E-commerce and climate analysis and predicting.

**Computer Science Motivation: If applicable, what is the Computer Science (CS) benefit of the proposed approaches (e.g. new algorithms, data structures or other CS concepts, scalability, increase in productivity for software engineers, etc) (50 word limit)**

The new concepts can be used in modeling, queries, and time geography.

These concepts also affect the GIS system and bring some new algorithm to the GIS system.

**Overall Presentation: Provide feedback on the overall presentation. How well were the ideas conveyed? Did you understand most of the talk (or 75%, 50%, 25%, 5%, 0%)? Were the ideas illustrated well (including the usage of both positive and negative examples)? Also comment on audience engagement. Did the speaker ask the audience questions, etc. (100 word limit)**

This presentation is a very good presentation. The presentation covers most of the material in the book and the articles. They explain the concept and examples clearly. The speaker did not ask the audience questions.   
  
**Presentation Critique: Did the speaker inspire you to want to learn more about the material covered? If you had to rate the presentation with either a check, check- or check+, how would you rate it? Explain.(50 word limit)**

After the presentation, we will check the book and articles in order to understand the presentation better. It is a good presentation, and we would rate it check+.