**Participant-oriented in situ sharing method for collaborative modeling**

**1.Introduction**

第一段the significance of collaborative modeling

第二段the needs of data sharing in collaborative modeling

1.2.1 needs of distributed data acquiring on demand and dynamically

1.2.2 needs of local data sharing under control

1.2.3 needs of data pre/post-processing and visualization

第三段disadvantages of current methods in those needs (enough quotes)

第四段this article is to solve what problems

**2.Basic Concept**

**3.Details of the distributed in situ sharing of data**

3.1. Network solutions 有待进一步思考

3.2. File level

3.3. Information level

3.4. Presentation level

**4.Experiment**

Web Platform

In situ sharing case in a specific collaborative modeling

(eg: GeoDetector)

**5.Conclusion and future work**

Solved the current problems or not

**6****.Acknowledgments**