LSGI Distinguished Lecture Series

Map Spatial Cognition: Theory, Methods and Application

Date: 14 December 2017 (Thu)
Time: 3:30 - 4:30pm
Venue: Z414

Prof. Weihua Dong

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Map Spatial Cognition: Theory, Methods and Application

Map cognition is the basic question and the key clue in the study of the map symbol expression, the interface of interaction, the visual perception, the information transmission and so on. It involves the visual perception and the neurocognitive process when human gets the geographic information, and urgently calls for interdisciplinary research of cartography, geography, psychology and cognitive neuroscience. This report introduces the contour map based Mountain-Identify project, which was part of Jiangsu Satellite TV's "Super Brain" TV program, shows the theory, experimental methods and practical application of map spatial cognition, and discusses the challenges we are facing in the visualization design of geographic big data under the current background of big data.

Biography

Professor Weihua Dong is a full professor at Faculty of Geographical Science, Beijing Normal University, China. He obtained his Ph.D. degree in Cartography and Geographic Information engineering in 2008 from Wuhan University. He has been enrolled in Beijing Nova Program of Science and Technology (2011), obtained National Youth Geographical Science and Technology Award. Currently his work is mainly about geographical spatial cognition theory. Dr. Dong has so far published more than 30 papers in peer-reviewed journals as first or corresponding author and 3 monographs. He also takes responsibility or takes part in more than 10 National Key Basic Research Program of China (973 Program), National High Technology Research and Development Program of China (863 Program), or National Natural Science Foundation of China.

All interested are WELCOME!
To register, please go to: https://goo.gl/ycAk7D
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