

# ERC Seminar Series

## Using Large-scale Assessment and Survey in Education Research: Techniques, Tools, and other Considerations

Date & Time: 18 May 2016, 13:00 – 14:00 (Light lunch begins at 12:30pm)

Venue: Room G021, Tin Ka Ping Lecture Hall, Faculty of Education (E33)

Language: English

Audience: UM Staff / Postgraduate Students

Registration: <https://goo.gl/qVJrVi>

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*\* Complementary light lunch will be provided.*



### Abstract

Educational researchers have a tradition of designing survey and assessment and use these tools as means of data collection. One limitation with this approach is external validity of the findings. Over the past several decades, scholars all over the world has found that centralised survey and assessment on large scale provides valuable information for common interests at same time with strong generalizability. This talk serves as an introduction to the type of research work involves using large-scale assessment and survey (LSAS). The talk will introduce widely-used open database suited for education research. Various statistical technique that commonly involved in analysing LSAS will also be discussed. Given the complexity of these data, computer programs and workflow will be compared.



### Speaker



Prof. Yisu ZHOU is currently an Assistant Professor of Educational Policy at University of Macau. Prof. ZHOU obtained his doctoral degree from Michigan State University. His expertise is in analyzing large-scale assessment data to answer policy questions. He served as key team member in Regional Educational Laboratory at MSU. Dr. Prior to joining MSU, ZHOU obtained his bachelor's degree in Statistics from East China Normal University and worked as an English teacher in rural Shaanxi province in China from 2005-2006. His interests in education policy span across various topics, including educational finance, teacher education, economics of education, and social stratification and mobility. He is the co-author of the 2006 book *The journey to yellow sheep river*, which discusses teachers' life in rural schools in China. He serves on the editorial team of the online education journal *Lichang* since 2009. He worked as a consultant on the vocational education development project at the World Bank in 2010 and Macau government in 2013.