

# RESEARCH SEMINAR

DEPARTMENT OF GEOGRAPHY & RESOURCE MANAGEMENT  
THE CHINESE UNIVERSITY OF HONG KONG

## The 4,000-year-old farmer's dilemma: Five unhealthy arable land use phenomena in China

3 October 2024 (Thu)  
4:30 – 6:00 pm (UTC+8)  
Rm 221, Chen Kou Ben  
Building, CUHK

Understand the cropland use situation, analyze management countermeasures, and explore the regional suitable cropland use mode are important prerequisites for the implementation of “the strictest protection of cultivated land” strategy with Chinese characteristics. At present, the cropland resources utilization in China is facing the problems of “non-agricultural”, “non-grain”, “fragmentation”, “marginalization” and “ecological degradation”. In this paper, we estimate the spatial-temporal changes of these cropland use problems in China, analyze the challenges of cropland use problems governance from the aspects of complex driving factors, phase characteristics, cognitive differences of responsible subjects, and dynamic changes of external factors. On that basis, the countermeasures of cropland use problems are put forward to provide insights for building China into a more beautiful country with harmonious development between humans and nature.



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Prof. Ye Sijing is an associate professor and director of the Center for GeoData and Analysis at Beijing Normal University. His research focuses on sustainable utilization and protection of arable land. As a first/corresponding author, he has published 36 papers in prestigious journals such as Land Use Policy and Agriculture, Ecosystems & Environment. Prof. Ye has been recognized with 5 ESI highly cited papers and holds 24 national invention patents and over 60 software copyrights. He has led 6 national-level projects and produced 10 advisory reports that have been adopted by national leaders and ministries. Prof. Ye is a member of the Youth Working Committee of the Geographical Society of China, the Land Resources Branch of the Land Society of China, and the Arable Land Protection Youth storm troop in Ministry of Natural Resources.



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