

### **Introduction to Ecosystem Service Valuation: Theories, Applications, Challenges, and Future Directions**

**19 September 2025 (Fri)  
3:00 – 4:30 pm (UTC+8)  
Rm 221, Chen Kou Ben  
Building, CUHK**

Many environmental issues, such as biodiversity loss and ecosystem degradation, are essentially byproducts of socio-economic development. Addressing these issues cannot rely solely on natural sciences but also requires socio-economic approaches—that is, integrating the protection and enhancement of environmental benefits into socio-economic decision-making and development. One such approach is the accounting and valuation of ecosystem services, which denote the benefits humans receive from ecosystem functions, processes, and characteristics. Dr. Haojie Chen will introduce this research field from three aspects: (1) the basic theories of ecosystem service valuation; (2) the significance and applications of valuation; and (3) challenges and future directions.



#### **Haojie Chen**

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Haojie Chen works with the U.S. Department of Agriculture Pacific Southwest Research Station as a postdoc. He earned his Ph.D. from the Australian National University. He has also interned with the Secretariat of the UN Convention on the Conservation of Migratory Species (Germany) and the Secretariat of the UN Convention on Biological Diversity (Canada). In daily life, he enjoys exploring nature and wildlife. In his academic work, he researches nature conservation and ecological economics, with a focus on protected area management and ecosystem service valuation. He has published 16 first-author papers in leading international peer-reviewed journals.

