MEI-PO KWAN (2022 WINNER)



http://meipokwan.org

Mei-Po Kwan is Choh-Ming Li Professor of Geography and Resource Management and Director of the Institute of Space and Earth Information Science at the Chinese University of Hong Kong. She received her Ph.D. from the University of California, Santa Barbara in 1994. She has held academic positions at the University of Illinois at Urbana-Champaign and the Ohio State University. She has served as an Editor of *Annals of the American Association of Geographers* for 12 years. She is currently on the editorial boards of *Annals of the American Association of Geographers*, *Applied Geography*, *International Journal of Geographical Information Science*, *ISPRS International Journal of Geo-Information*, *Geographical Analysis*, *Journal of Transport Geography*, *International Journal of Urban Informatics*, and *Transactions in Urban Data*, *Science*, and *Technology*.

Dr. Kwan's multidisciplinary and paradigm-shifting contributions to applied geography are attested by the many prestigious awards and recognitions she received, including AAG's Distinguished Scholarship Honors, Wilbanks Prize for Transformational Research in Geography, and the Stanley Brunn Award for Creativity in Geography. In addition to these awards, Kwan has been recognized as a Guggenheim Fellow and a fellow of the U.K. Academy of Social Sciences, the American Association for the Advancement of Science (AAAS), the American Association of Geographers (AAG), and the U.K. Royal Geographical Society (RGS). She was named to the 2019 and 2021 Highly Cited Researchers Lists compiled by the Web of Science Group as one of the world's most influential researchers.

Dr. Kwan has made ground-breaking contributions to research on environmental health, human mobility, transport and health issues in cities, and geographic information science (GIScience). She discovered the uncertain geographic context problem and the neighborhood effect averaging problem. She is a leading researcher in deploying real-time GPS tracking and mobile sensing to collect individual-level data in environmental health research. Her recent projects examine the health impacts of individual environmental exposure (e.g., noise, air pollution, green space), the protection of geoprivacy via the development of a Geospatial Virtual Data Enclave (GVDE), and the space-time dynamics of the COVID-19 pandemic.

Dr. Kwan has over 370 publications to date, including 290 articles in refereed journals, 42 edited books or special issues, and 41 book chapters. Complementing her publication record are numerous grants totaling about US\$61.6 million from sources including the U.S. National Institutes of Health and the U.S. National Science Foundation. An important indicator of the global and multidisciplinary influence of Dr. Kwan's work is the large number of keynote addresses and distinguished lectures she delivered at prestigious venues around the world. To date, Dr. Kwan has delivered over 340 keynote addresses, invited lectures and other invited presentations in over 20 countries. These lectures were given to audiences that spanned disciplines including sociology, demography, geography, preventive medicine, psychology, public health, history, political science, urban studies and planning, civil engineering, public policy, geographic information science, transportation, and urban design. Through these invited presentations in different venues and many regions in the world, Dr. Kwan has communicated the importance and value of geography to a wide range of audiences from various disciplines around the world.

Dr. Kwan has gone well beyond the norm of professional expectations to establish new spaces of understanding and inquiry within and beyond the discipline of geography. Her activities in the realm of innovative thinking in analytical approaches, substantive relevance, and her notable success in linking geography with diverse disciplines in social, health and transport sciences distinguish her and raise her professional standing to the highest level. She has demonstrated a significant and sustained contribution to applied geography and is thus a most deserving recipient of the substantial recognition conferred by the James R. Anderson Medal of Honor in Applied Geography.