Profiles of Speakers (Geoinformation Technologies)

Speaker:
Professor Yee LEUNG
Professor
Department of Geography and Resource Management
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Topic:
Study of Typhoon Dynamics –A Data Mining Approach

Biography:
Professor Leung is Professor of Geography in the Department of Geography and Resource Management at The Chinese University of Hong Kong. He is currently the Chair of the Commission on Modelling Geographical Systems, International Geographical Union; and the Chair of the Commission on Quantitative and Computational Geography, The Chinese Geographical Society. He serves in the editorial board of Annals of Association of American Geographers, Geographical Analysis, GeoInformatica, Journal of Geographical Systems, Review of Urban and Regional Development Studies, Acta Geographica Sinica (Chinese), and Geographical Science (Chinese). He is also adjunct and consultant professor of several universities in P.R. China.

Professor Leung has done influential research on imprecision/uncertainty analysis in geography, intelligent spatial decision support systems, geocomputation (particularly on fuzzy set, rough set, concept lattice, spatial statistics, multifractal analysis, neural networks and genetic algorithms), and spatial knowledge discovery and data mining. He has obtained more than 30 research grants, authored/co-authored six books and over 160 papers in international journals, encyclopedias, and book chapters in geography, computer science, and information engineering. His landmark research monographs are: Spatial Analysis and Planning under Imprecision (Elsevier, 1988); Intelligent Spatial Decision Support Systems (Springer-Verlag, 1997), and Knowledge Discovery in Spatial Data (Springer-Verlag, 2010).