

The University of Hong Kong
Department of Geography

Proposed Topics for Directed Project (GEOG4002/4) / Honours Dissertation (GEOG4003) 2024-2025

Students should reach out to potential supervisor(s) to get more information about their research. Students are recommended to conduct basic literature review and prepare your basic ideas before reaching out.

No.	Supervisors/Advisors	Research Interests
1	Prof. Patrick ADLER Email: adler@hku.hk Website: https://www.geog.hku.hk/p-adler	<ul style="list-style-type: none"> • Economic Geography • Cultural Geography • Urban Geography • Regional Policy • Linear Regression • Survey • Interviews
2	Prof. Wesley ATTEWELL Email: waha@hku.hk Website: https://www.geog.hku.hk/w-attewell	<ul style="list-style-type: none"> • The Infrastructures of Transpacific Empires • The Vietnam War in Hong Kong • Diasporic (sub)urbanisms • The Logistical Life of Global Asia
3	Prof. Yanjia CAO Email: yanjiac@hku.hk Website: https://www.geog.hku.hk/yj-cao	<ul style="list-style-type: none"> • Hong Kong SAR or USA • Statistical approaches • Spatial analysis • Health care coverage • Disease distribution
4	Prof. Wendy Y. CHEN Email: wychen@hku.hk Website: https://www.geog.hku.hk/wy-chen	<ul style="list-style-type: none"> • Urban China • Urban green and blue infrastructure • Social survey • Environmental management
5	Prof. Ben A. GERLOFS Email: bgerlofs@hku.hk Website: https://www.geog.hku.hk/ba-gerlofs	<ul style="list-style-type: none"> • Urban Change/Culture/Politics • Ethnography • Visual Methods • Gentrification • Media and Perception
6	Prof. Ben L. IAQUINTO Email: iaquinto@hku.hk Website: https://www.geog.hku.hk/bl-iaquinto	<ul style="list-style-type: none"> • Tourism • Household sustainability • Cultural dimensions of climate change • Practice theory, mobilities theory, cultural geography theories • Qualitative methods (eg. interviews, participant observation, ethnography)
7	Prof. K (Peter) KOH Email: peterkoh@hku.hk Website: https://www.geog.hku.hk/k-koh	<ul style="list-style-type: none"> • Health geography • Cultural geography • Economic geography • Geography of Hong Kong • Geography of South Korea
8	Prof. Nicky Y.F. LAM Email: yunlam@hku.hk	<ul style="list-style-type: none"> • Urban Climate • Environmental Monitoring and Policy

No.	Supervisors/Advisors	Research Interests
	Website: https://www.geog.hku.hk/nyf-lam	<ul style="list-style-type: none"> • STEM Education • Air Pollution
9	Prof. Jinbao LI Email: jinbao@hku.hk Website: https://www.geog.hku.hk/jb-li	<ul style="list-style-type: none"> • Climate Change • Paleoclimate • Drought • Water Studies • Forest Ecology
10	Prof. Jimmy LI Email: lijr@hku.hk Website: https://www.geog.hku.hk/jr-li	<ul style="list-style-type: none"> • Eco-geomorphology and ecosystem dynamics • Dust, fine atmospheric particles, and human health • GIS and spatial analysis • Renewable energy (wind, solar etc.) and environment
11	Dr. Yinyi LIN Email: yinyilin@hku.hk	<ul style="list-style-type: none"> • Urban China • Climate change • Sustainability • Remote Sensing • Urban Resilience
12	Prof. Laibao LIU Email: laibao@hku.hk Website: https://www.geog.hku.hk/lb-liu	<ul style="list-style-type: none"> • Land Carbon Cycle • Land-Climate Interaction • Renewable Energy • Carbon-Climate-Energy Nexus
13	Prof. Becky P.Y. LOO Email: bpyloo@hku.hk Website: https://www.geog.hku.hk/bpy-loo	<ul style="list-style-type: none"> • Sustainable transportation • Road safety • Walking and cycling • Surveys • Spatial analysis and behavioural modelling
14	Dr. Han MA Email: mahan@hku.hk Website: https://www.geog.hku.hk/h-ma	<ul style="list-style-type: none"> • Land surface remote sensing • Vegetation dynamic mapping • Satellite big data • Data assimilation and deep learning methods
15	Prof. Liqing PENG Email: lqpeng@hku.hk Website: https://www.geog.hku.hk/lq-peng	<ul style="list-style-type: none"> • Land use carbon accounting and policy • Forest and forest ecology • Agricultural GHG mitigation • Drought monitoring and evapotranspiration modeling
16	Prof. Junxi QIAN Email: jxqian@hku.hk Website: https://www.geog.hku.hk/jx-qian	<ul style="list-style-type: none"> • Social and cultural geography • Urban geography • Cultural economic geography • Ethnographic methods • Mixed quantitative and qualitative methods
17	Prof. Lishan RAN Email: lsran@hku.hk Website: https://www.geog.hku.hk/ls-ran	<ul style="list-style-type: none"> • Climate change; Quantitative analysis • Water resources management; Quantitative analysis • Hydrology; climate change; Quantitative analysis • Sustainable development; Quantitative analysis

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18	Prof. Frank VAN DER WOUDE Email: fvdw@hku.hk Website: https://www.geog.hku.hk/f-vanderwouden	<ul style="list-style-type: none"> • Economic development • Collaboration • Innovation • Technological change • Entrepreneurship
19	Prof. Junshi XU Email: junshixu@hku.hk Website: https://www.geog.hku.hk/js-xu	<ul style="list-style-type: none"> • Transportation Decarbonization and Air Quality • Environmental Monitoring and Population Exposure • Machine Learning and Deep Learning Applications in Environmental Science • Sustainability, Equity and Justice in Urban Mobility • Urban Transport and City Dynamics
20	Prof. Zhenci XU Email: xuzhenci@hku.hk Website: https://www.geog.hku.hk/zc-xu	<ul style="list-style-type: none"> • Sustainable Development Goals • Ecosystem service • Environmental footprint • Coupled human and natural system
21	Prof. Steven H.S. ZHANG Email: zhanghs@hku.hk Website: https://www.geog.hku.hk/hs-zhang	<ul style="list-style-type: none"> • Remote sensing • Geographic information system • Urban sustainability • Urban resilience • Mangroves and wetlands
22	Prof. Peng ZHU Email: zhupeng@hku.hk Website: https://www.geog.hku.hk/p-zhu	<ul style="list-style-type: none"> • Agroecosystem modeling • Climate change impacts and adaptation • Environmental remote sensing • Food-water-carbon nexus