

**The University of Hong Kong  
Department of Geography**

Proposed Topics for Directed Project (GEOG4002/4) / Honours Dissertation (GEOG4003) 2023-2024

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	<b>Dr. Patrick ADLER</b> Email: <a href="mailto:adler@hku.hk">adler@hku.hk</a> Website: <a href="https://www.geog.hku.hk/p-adler">https://www.geog.hku.hk/p-adler</a>	<ul style="list-style-type: none"> <li>• Economic Geography</li> <li>• Cultural Geography</li> <li>• Urban Geography</li> <li>• Regional Policy</li> <li>• Linear Regression</li> <li>• Survey</li> <li>• Interviews</li> </ul>
2	<b>Dr. Wesley ATTEWELL</b> Email: <a href="mailto:wlha@hku.hk">wlha@hku.hk</a> Website: <a href="https://www.geog.hku.hk/w-attewell">https://www.geog.hku.hk/w-attewell</a>	<ul style="list-style-type: none"> <li>• The Infrastructures of Transpacific Empires</li> <li>• The Vietnam War in Hong Kong</li> <li>• Diasporic (sub)urbanisms</li> <li>• The Logistical Life of Global Asia</li> </ul>
3	<b>Dr. Yanjia CAO</b> Email: <a href="mailto:yanjiac@hku.hk">yanjiac@hku.hk</a> Website: <a href="https://www.geog.hku.hk/yj-cao">https://www.geog.hku.hk/yj-cao</a>	<ul style="list-style-type: none"> <li>• Hong Kong SAR or USA</li> <li>• Statistical approaches</li> <li>• Spatial analysis</li> <li>• Health care coverage</li> <li>• Disease distribution</li> </ul>
4	<b>Prof. Wendy Y. CHEN</b> Email: <a href="mailto:wychen@hku.hk">wychen@hku.hk</a> Website: <a href="https://www.geog.hku.hk/wy-chen">https://www.geog.hku.hk/wy-chen</a>	<ul style="list-style-type: none"> <li>• Urban China</li> <li>• Urban green and blue infrastructure</li> <li>• Social survey</li> <li>• Environmental management</li> </ul>
5	<b>Dr. Ben A. GERLOFS</b> Email: <a href="mailto:bgerlofs@hku.hk">bgerlofs@hku.hk</a> Website: <a href="https://www.geog.hku.hk/ba-gerlofs">https://www.geog.hku.hk/ba-gerlofs</a>	<ul style="list-style-type: none"> <li>• Urban Change/Culture/Politics</li> <li>• Ethnography</li> <li>• Visual Methods</li> <li>• Gentrification</li> <li>• Media and Perception</li> </ul>
6	<b>Dr. Ben L. IAQUINTO</b> Email: <a href="mailto:iaquinto@hku.hk">iaquinto@hku.hk</a> Website: <a href="https://www.geog.hku.hk/bl-iaquinto">https://www.geog.hku.hk/bl-iaquinto</a>	<ul style="list-style-type: none"> <li>• Tourism</li> <li>• Household sustainability</li> <li>• Cultural dimensions of climate change</li> <li>• Practice theory, mobilities theory, cultural geography theories</li> <li>• Qualitative methods (eg. interviews, participant observation, ethnography)</li> </ul>
7	<b>Dr. K (Peter) KOH</b> Email: <a href="mailto:peterkoh@hku.hk">peterkoh@hku.hk</a> Website: <a href="https://www.geog.hku.hk/k-koh">https://www.geog.hku.hk/k-koh</a>	<ul style="list-style-type: none"> <li>• Health geography</li> <li>• Cultural geography</li> <li>• Economic geography</li> <li>• Geography of Hong Kong</li> <li>• Geography of South Korea</li> </ul>
8	<b>Dr. Nicky Y.F. LAM</b> Email: <a href="mailto:yunlam@hku.hk">yunlam@hku.hk</a> Website: <a href="https://www.geog.hku.hk/nyf-lam">https://www.geog.hku.hk/nyf-lam</a>	<ul style="list-style-type: none"> <li>• Urban Climate</li> <li>• Environmental Monitoring and Policy</li> <li>• STEM Education</li> <li>• Air Pollution</li> </ul>

No.	Supervisors/Advisors	Research Interests
9	<b>Dr. Yongsung LEE</b> Email: <a href="mailto:yongsung@hku.hk">yongsung@hku.hk</a> Website: <a href="https://www.geog.hku.hk/y-lee">https://www.geog.hku.hk/y-lee</a>	<ul style="list-style-type: none"> <li>• Travel behavior/shared mobility services/autonomous vehicles/information and communication technology (ICT)/perceptions and preferences/gentrification/smart cities</li> <li>• The United States/Hong Kong/Seoul, South Korea</li> <li>• Statistical programming &amp; analysis/GIS</li> <li>• Survey design</li> <li>• Passively collected mobility data &amp; machine learning</li> </ul>
10	<b>Dr. Jinbao LI</b> Email: <a href="mailto:jinbao@hku.hk">jinbao@hku.hk</a> Website: <a href="https://www.geog.hku.hk/jb-li">https://www.geog.hku.hk/jb-li</a>	<ul style="list-style-type: none"> <li>• Climate Change</li> <li>• Paleoclimate</li> <li>• Drought</li> <li>• Water Studies</li> <li>• Forest Ecology</li> </ul>
11	<b>Dr. Jimmy LI</b> Email: <a href="mailto:lijr@hku.hk">lijr@hku.hk</a> Website: <a href="https://www.geog.hku.hk/jr-li">https://www.geog.hku.hk/jr-li</a>	<ul style="list-style-type: none"> <li>• Eco-geomorphology and ecosystem dynamics</li> <li>• Dust, fine atmospheric particles, and human health</li> <li>• GIS and spatial analysis</li> <li>• Renewable energy (wind, solar etc.) and environment</li> </ul>
12	<b>Dr. Yunjing LI</b> Email: <a href="mailto:yjli2510@hku.hk">yjli2510@hku.hk</a>	<ul style="list-style-type: none"> <li>• Renewable energy development</li> <li>• HK &amp; Greater Bay Area</li> <li>• Multi-level climate governance</li> <li>• Urban farm</li> <li>• Survey, interview, digital analytics</li> </ul>
13	<b>Dr. Yinyi LIN</b> Email: <a href="mailto:yinyilin@hku.hk">yinyilin@hku.hk</a>	<ul style="list-style-type: none"> <li>• Urban China</li> <li>• Climate change</li> <li>• Sustainability</li> <li>• Remote Sensing</li> <li>• Urban Resilience</li> </ul>
14	<b>Prof. Becky P.Y. LOO</b> Email: <a href="mailto:bpyloo@hku.hk">bpyloo@hku.hk</a> Website: <a href="https://www.geog.hku.hk/bpy-loo">https://www.geog.hku.hk/bpy-loo</a>	<ul style="list-style-type: none"> <li>• Sustainable transportation</li> <li>• Road safety</li> <li>• Walking and cycling</li> <li>• Surveys</li> <li>• Spatial analysis and behavioural modelling</li> </ul>
15	<b>Dr. Han MA</b> Email: <a href="mailto:mahan@hku.hk">mahan@hku.hk</a> Website: <a href="https://www.geog.hku.hk/h-ma">https://www.geog.hku.hk/h-ma</a>	<ul style="list-style-type: none"> <li>• Land surface remote sensing</li> <li>• Vegetation dynamic mapping</li> <li>• Satellite big data</li> <li>• Data assimilation and deep learning methods</li> </ul>
16	<b>Dr. Junxi QIAN</b> Email: <a href="mailto:jxqian@hku.hk">jxqian@hku.hk</a> Website: <a href="https://www.geog.hku.hk/jx-qian">https://www.geog.hku.hk/jx-qian</a>	<ul style="list-style-type: none"> <li>• Social and cultural geography</li> <li>• Urban geography</li> <li>• Cultural economic geography</li> <li>• Ethnographic methods</li> <li>• Mixed quantitative and qualitative methods</li> </ul>
17	<b>Dr. Lishan RAN</b> Email: <a href="mailto:lsran@hku.hk">lsran@hku.hk</a> Website: <a href="https://www.geog.hku.hk/ls-ran">https://www.geog.hku.hk/ls-ran</a>	<ul style="list-style-type: none"> <li>• Climate change; Quantitative analysis</li> <li>• Water resources management; Quantitative analysis</li> <li>• Hydrology; climate change; Quantitative analysis</li> </ul>

No.	Supervisors/Advisors	Research Interests
		<ul style="list-style-type: none"> <li>• Sustainable development; Quantitative analysis</li> </ul>
18	<p><b>Dr. Frank VAN DER WOUDE</b>            Email: <a href="mailto:fvdw@hku.hk">fvdw@hku.hk</a>            Website: <a href="https://www.geog.hku.hk/f-vanderwouden">https://www.geog.hku.hk/f-vanderwouden</a></p>	<ul style="list-style-type: none"> <li>• Economic development</li> <li>• Collaboration</li> <li>• Innovation</li> <li>• Technological change</li> <li>• Entrepreneurship</li> </ul>
19	<p><b>Dr. Zhenci XU</b>            Email: <a href="mailto:xuzhenci@hku.hk">xuzhenci@hku.hk</a>            Website: <a href="https://www.geog.hku.hk/zc-xu">https://www.geog.hku.hk/zc-xu</a></p>	<ul style="list-style-type: none"> <li>• Sustainable Development Goals</li> <li>• Ecosystem service</li> <li>• Environmental footprint</li> <li>• Coupled human and natural system</li> </ul>
20	<p><b>Dr. Steven H.S. ZHANG</b>            Email: <a href="mailto:zhanghs@hku.hk">zhanghs@hku.hk</a>            Website: <a href="https://www.geog.hku.hk/hs-zhang">https://www.geog.hku.hk/hs-zhang</a></p>	<ul style="list-style-type: none"> <li>• Remote sensing</li> <li>• Geographic information system</li> <li>• Urban sustainability</li> <li>• Urban resilience</li> <li>• Mangroves and wetlands</li> </ul>
21	<p><b>Dr. Peng ZHU</b>            Email: <a href="mailto:zhupeng@hku.hk">zhupeng@hku.hk</a>            Website: <a href="https://www.geog.hku.hk/p-zhu">https://www.geog.hku.hk/p-zhu</a></p>	<ul style="list-style-type: none"> <li>• Agroecosystem modeling</li> <li>• Climate change impacts and adaptation</li> <li>• Environmental remote sensing</li> <li>• Food-water-carbon nexus</li> </ul>