

**Potential Supervisors list of the UM - SML-Zhuhai Joint PhD Programmes for AY 2022/2023**  
**2022/2023學年澳門大學-南方海洋科學與工程廣東省實驗室（珠海）博士生聯合培養計劃導師名單**

University of Macau 澳門大學				Southern Marine Science and Engineering Guangdong Laboratory (Zhuhai) 南方海洋科學與工程廣東省實驗室（珠海）		
Academic Unit 學術單位	Specialization 專業範疇	Supervisor 導師	Research Area 研究方向	Supervisor 導師	Research Area 研究方向	Website of Supervisor 個人網頁連結
Faculty of Science and Technology 科技學院	Civil Engineering 土木工程	Prof. Hojae SHIM 沈虎宰	Environmental Biotechnology, Bioremediation, Renewable Energy Generation	Prof. Shanquan WANG 汪善全	Halogen cycling and bioremediation; C-N-S cycling	<a href="http://sese.sysu.edu.cn/teacher/4057">http://sese.sysu.edu.cn/teacher/4057</a>
				Prof. Zhili HE 賀志理	Synthetic microbial ecology, Environmental microbiome engineering	<a href="http://sese.sysu.edu.cn/emrc/zh-hans/teacher/79">http://sese.sysu.edu.cn/emrc/zh-hans/teacher/79</a>
		Prof. Wanhuan ZHOU 周萬歡	Urban Geohazard Prevention, Geotechnical Engineering	Prof. Yan LI 李雁	Groundwater Pollution Prevention, Geotechnical Engineering	<a href="http://marine.sysu.edu.cn/teacher/916?_cfcd2084">http://marine.sysu.edu.cn/teacher/916?_cfcd2084</a>
				Prof. Peiyuan LIN 林沛元	Risk Management, AI and Decision making in Civil Engineering	<a href="http://civil.sysu.edu.cn/teacher/705">http://civil.sysu.edu.cn/teacher/705</a>
		Prof. Huabin SHI 施華斌	Coastal Engineering	Prof. Jiaxue WU 吳加學	Physical oceanography	<a href="https://marine.sysu.edu.cn/teacher/745?_cfcd2084">https://marine.sysu.edu.cn/teacher/745?_cfcd2084</a>
				Asso. Prof. Zhan HU 胡湛	Coastal hydrodynamics	<a href="https://marine.sysu.edu.cn/teacher/966?_cfcd2084">https://marine.sysu.edu.cn/teacher/966?_cfcd2084</a>
				Prof. Linlin LI 李琳琳	Marine Geohazards, Coastal Hydrodynamics	<a href="http://gs.sysu.edu.cn/teacher/638">http://gs.sysu.edu.cn/teacher/638</a>
				Prof. Jun WEI 韋駿	Typhoon-ocean interaction, numerical simulation, data assimilation, application of AI in meteorological science	<a href="http://atmos.sysu.edu.cn/teacher/1810">http://atmos.sysu.edu.cn/teacher/1810</a>
		Prof. Chi Chiu LAM 林智超	Composite and advanced materials	Asso. Prof. Jihui ZHAO 趙計輝	Cement-based materials; Low carbon engineering materials; New inorganic cementitious material	<a href="http://civil.sysu.edu.cn/teacher/476">http://civil.sysu.edu.cn/teacher/476</a>
		Prof. Kai Meng MOK 莫啟明	Fluid Mechanics, Coastal Hydrodynamics, Air and Water Quality	Prof. Jingsong YANG 楊勁松	Marine Remote Sensing, Satellite Oceanography	<a href="https://www.sml-zhuhai.cn/people/5f5b44cd28440">https://www.sml-zhuhai.cn/people/5f5b44cd28440</a>
				Prof. Zhangcai QIN 覃章才	Climate change, Carbon neutrality	<a href="http://atmos.sysu.edu.cn/teacher/1818">http://atmos.sysu.edu.cn/teacher/1818</a>
		Prof. Zhongya CAI 蔡忠亞	Physical oceanography	Prof. Jingsong YANG 楊勁松	Marine remote sensing, Satellite oceanography	<a href="https://www.sml-zhuhai.cn/people/5f5b44cd28440">https://www.sml-zhuhai.cn/people/5f5b44cd28440</a>
				Prof. Xiaohui XIE 謝曉輝	Ocean currents, Mesoscale dynamic progress, Internal waves	<a href="https://www.sio.org.cn/redir.php?catalog_id=1319&amp;object_id=312627">https://www.sio.org.cn/redir.php?catalog_id=1319&amp;object_id=312627</a>
				Prof. Qinghua YANG 楊清華	Ocean-atmosphere interaction	<a href="http://atmos.sysu.edu.cn/teacher/356">http://atmos.sysu.edu.cn/teacher/356</a>
				Prof. Weidong YU 于衛東	Ocean-atmosphere interaction, physical-biological interaction, monsoon dynamics, extreme weather	<a href="https://atmos.sysu.edu.cn/teacher/2112">https://atmos.sysu.edu.cn/teacher/2112</a>

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Faculty of Science and Technology 科技學院	Civil Engineering 土木工程	Prof. Jie XU 徐杰	Nutrients, Eutrophication, Plankton, Algal blooms, Hypoxia, Marine carbon cycles	Prof. Zhili HE 賀志理	Biogeochemical cycling of nutrients, Carbon formation mechanisms in coastal ecosystems	<a href="http://sese.sysu.edu.cn/emrc/zh-hans/teacher/79">http://sese.sysu.edu.cn/emrc/zh-hans/teacher/79</a>
				Prof. Jiaxue WU 吳加學	Physical oceanography	<a href="https://marine.sysu.edu.cn/teacher/745?_=cfcd2084">https://marine.sysu.edu.cn/teacher/745?_=cfcd2084</a>
				Prof. Weidong YU 于衛東	Ocean-atmosphere interaction, physical-biological interaction, monsoon dynamics, extreme weather	<a href="https://atmos.sysu.edu.cn/teacher/2112">https://atmos.sysu.edu.cn/teacher/2112</a>
				Prof. Kedong YIN 殷克東	Marine Ecology	<a href="https://marine.sysu.edu.cn/teacher/744?_=cfcd2084">https://marine.sysu.edu.cn/teacher/744?_=cfcd2084</a>
				Prof. Rui ZHANG 張銳	Marine Microbial Ecology	<a href="http://mel2.xmu.edu.cn/faculty/RuiZhang/">http://mel2.xmu.edu.cn/faculty/RuiZhang/</a>
				Prof. Weidong ZHAI 翟惟東	Marine Carbon Chemistry	<a href="https://www.imst.sdu.edu.cn/info/1111/1862.htm">https://www.imst.sdu.edu.cn/info/1111/1862.htm</a>

\* Applicants can only apply for the Joint PhD Programme through the online application system of UM. Applicants should choose their designated joint programmes and the pair of supervisors in their applications.