

Staff Handbook - Ha Quang Khai

Name	<i>Ha Quang Khai</i>		
Post	<i>Teaching and researching on Hydrogeology, Environmental geochemistry, monitoring, Water modelling</i>		
Academic career	<i>Initial academic appointment</i>	<i>Ho Chi Minh University of Technology</i>	<i>Year: 2021</i>
	<i>Postdoc (Groundwater geochemistry)</i>	<i>Kunsan National University</i>	<i>Year: 2019</i>
	<i>Doctorate (Environmental geochemistry)</i>	<i>Kunsan National University</i>	<i>Year: 2015-2019</i>
	<i>Master (Water Resources Engineering)</i>	<i>Chulalongkorn University</i>	<i>Year: 2013-2015</i>
	<i>Undergraduate degree (Hydrogeology-Geological engineering)</i>	<i>Ha Noi University of Mining and Geology</i>	<i>Year: 2002-2007</i>
Employment	<i>Co-Principal Investigation</i>	<i>Division for Water Resources Planning and Investigation for the south of Vietnam</i>	<i>Period: 2009-2021</i>
Research and development projects over the last 5 years	<p>Name of project: Groundwater Investigation and Assessment for domestic and economic development demand in Chang Riec area, Tan Lap, Tan Bien, Tay Ninh Year: 12/2019 – 5/2021 Location: Vietnam, Client: Tay Ninh Department of Science and Technology Amount of financing: ~2.3 billion VND.</p> <p>Name of project: A Hydrogeochemical Study on the Acidic Groundwater and the Brackish to Saline Groundwater in Quaternary Coastal Aquifers of South Vietnam Year: 2016-2019. Location: Southern Vietnam; Client: Funded by National Research Foundation of Korea (NRF). Amount of financing: ~150 000 USD.</p>		
Industry collaborations over the last 5 years	<p>Name of project: Governance of Land Subsidence and Groundwater Management in the Mekong Delta Partners: Arcadis Nederland B.V.</p>		

	<p>Project: Assessment of Water Carrying Capacity for international and interprovincial rivers in Mekong Delta.</p> <p>Partners: Division for Water Resources Planning and Investigation for the south of Vietnam</p> <p>Project: Protection of groundwater in Bac Lieu City</p> <p>Partners: Division for Water Resources Planning and Investigation for the south of Vietnam</p> <p>Project: Development of measures for water quality improvement of Deokjin Pond.</p> <p>Partners: Kunsan National University</p>						
Patents and proprietary rights	<table border="1"> <thead> <tr> <th>Title</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Title	Year				
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Important publications over the last 5 years	<p><i>Selected recent publications from a total of approx. (give total number): 4</i></p> <ul style="list-style-type: none"> ✧ Ha, Q.K., Vo, L.P., Phan, C.N., Pham, V.H., Nguyen, V.K., 2021. Identification of freshwater-saltwater interface in coastal areas using combination of geophysical and geochemical methods: A case study in Mekong Delta, Vietnam. <i>IOP Conference Series: Earth and Environmental Science</i>, 652, 012006 (Scopus) ✧ Ha, Q.K., Choi, S., Phan, N.L., Kim, K., Phan, C. N., Nguyen, V.K., Ko, K.S., 2019. Occurrence of metal-rich acidic groundwaters around the Mekong Delta (Vietnam): A phenomenon linked to well installation. <i>Science of Total Environment</i>, 654, 1100-1109 ✧ Ha, Q.K., Kim K., Phan, N.L., Phung, T.H., Lee, J., Nguyen, V.K., Phan, C.N., 2019. A hydrogeological and geochemical review of groundwater issues in southern Vietnam. <i>Geosciences Journal</i>, 23,1005-1023. ✧ Ha, Q.K., Choi, S., Kim, K. 2018. Processes Causing Strong Acidic Groundwaters in and Around the Mekong Delta Area. In: Tran-Nguyen, HH., Wong, H., Ragueneau, F., Ha-Minh, C. (eds) <i>Proceedings of the 4th Congrès International de Géotechnique - Ouvrages -Structures. CIGOS 2017</i>. Lecture Notes in Civil Engineering, vol 8. Springer, Singapore (Scopus) 						
Activities in specialist bodies over the last 5 years	<table border="1"> <thead> <tr> <th>Organisation</th> <th>Role</th> <th>Period</th> </tr> </thead> <tbody> <tr> <td colspan="3">Vietnamese Association of geochemistry, Board member, 2021-2025</td> </tr> </tbody> </table>	Organisation	Role	Period	Vietnamese Association of geochemistry, Board member, 2021-2025		
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