

**Khac-Uan Do**

Associate Professor
School of Environmental Science and Technology
Hanoi University of Science and Technology
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Language(s): English, Vietnamese

Contact:

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Potential areas for PhD supervision:

Wastewater engineering
Environmental engineering

Supervising experience:

1 PhD candidate (currently)
15 master students

Employment history in last 5 years:

6/2003 – present Hanoi University of Science and Technology, Vietnam
2004-2004 Research Fellow: Institute for Env. Tech., University of Applied Science in Basel, Switzerland
2009-2011 Postdoc, School of Civil and Env. Engineering, Nanyang Technological University, Singapore

Membership of professional association:

2017 to present: World Society of Sustainable Energy Technologies (WSSET)
2004 to present: Hanoi Federation of Labour, Vietnam General Confederation of Labour
2002 to present: Association for Industrial Environmental Protection

Education – since bachelor degree:

2005 – 2009 Ph.D. of Environmental Engineering, Sungkyunkwan University, Korea.
2002 – 2004 Master of Environmental Engineering, Hanoi University of Science and Technology, Vietnam.
1994 – 1999 Engineer in Environmental Engineering, Hanoi University of Sci. and Technology, Vietnam.

Selected recent papers:

1. H.C. Duong, T.L. Tran, A.J. Ansari, H.T. Cao, T.D. Vu, K.U. Do (2019) Advances in Membrane Materials and Processes for Desalination of Brackish Water, Current Pollution Reports. 5, 319–336.
2. Yukesh K.R., Rajesh B.J., Marcelin J.J., I.T. Yeom, K.U. Do (2019) Economical sludge management via novel combined ozone disperser pretreatment coupled with membrane bioreactor for treating confectionary wastewater, Journal of Cleaner Production 239 (2019) 118102.
3. K.U. Do, XQ Chu, J H Kim (2018), Sludge characteristics and performance of a membrane bioreactor for treating oily wastewater from a car wash service station. Desalination and Water Treatment, 120: 166–172.
4. F. Schmitt, R. Banu, I.T. Yeom, K.U. Do (2018), Development of artificial neural networks to predict membrane fouling in an anoxic-aerobic membrane bioreactor treating domestic wastewater. Biochem. Eng. J., 133: 47–58.