

อาจารย์ดวงตา กิจแก้ว
Duangta Kitkaew



Position: Lecturer

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Education

M.Sc. (Technology of Environmental Management) Mahidol University , Thailand
B.Ed.(General Science), Rajabhat Institute Thonburi, Thailand

Expertise

Water and wastewater sampling and analysis
Air quality sampling and analysis
Environmental investigation and environmental impact assessment

Research Experiences

Environmental Monitoring of Oil Station, PTT Retail Management Company
Bangkok, Eastern, Central, Southern, Northern and Northeast, Thailand
Study and Monitoring for the Quality of Drinking Tap Water, Metropolitan Water
works Authority
EIA of Expressway System of Bangkok and Vicinity Area, Office of The Expressway
Authority of Thailand
Air Quality Monitoring of LPG Terminal and Oil Tank Farm, PTT; Bangkok, Eastern,
Central, Southern, Northern and Northeast, Thailand
Water Quality Monitoring, Terminal Project. PTT; Bangkok, Chonburi, Surathani,
Nakorn Srithammarat, Songkhla, Phuket, Thailand

Selected Publications

Duangta Kitkaew, Athit Phetrak, Sumate Ampawong, Rachaneekorn Mingkhwan, Dounkamon Pihusut, Kamolnetr Okanurak, and Chongrak Polprasert., 2018 “Fast and Efficient Removal of Hexavalent Chromium from Water by Iron Oxide Particles” *Journal of Environment and Natural Resources*, Vol16(1); 91-100.

Udomsak Kongmuang, **Duangta Kitkaew** and Ikuharu Morilka., 2015 “Construction technique of disposable bin from sludge cake and its environmental risk” *Journal of Environmental Health and Preventive Medicine*, Vol. 20, Issue 1; 28-35.

Totsporn Shutiwat, Sopa Chinwetkitvanich, **Duangta Kitkaew** and Poranee Pataranawat., 2014 “Environmental Risk Assessment of Mn, Cu and Fe in the Lam Takhong Reservoir, Nakhon Ratchasima Province, Thailand” *Advanced Material Research Vols.931-932*; 729-732.

Athit Phetrak, Duangta Kitkaew, Dounkamon Pihusut, Sumate Ampawong, Rachaneekorn Mingkhwan, Kamolnetr Okanurak, Jenyuk Lohwacharin and Chongrak Polprasert., 2017 “Investigation of the adsorptive removal of hexavalent chromium from aqueous solutions by magnetic iron oxide” Oral presentation in The International Conference on 10th CESE “Challenges in Environmental Science & Engineering (CESE-2017)”. Kunming, China. November 11-15.

Chaovayut Phornpimolthape, Duangta Kitkaew, Apaporn Ruchiraset and Lamsak Chavanich., 2015 “Surveying of safe and wholesome water supply in Thawiwatthana district, Bangkok Thailand”. Oral presentation in the Third National Symposium of Bangkokthonburi University on “Symposium on Intirdisciplinary Research for Development toward the International World: BTU-SIRDIW”. Bangkokthonburi University, Thailand. July18 .

Totsporn Shutiwat, Sopa Chinwetkitvanich, Duangta Kitkaew and Poranee Pataranawat., 2014 “Environmental Risk Assessment of Mn, Cu and Fe in the Lam Takhong Reservoir, Nakhon Ratchasima Province, Thailand” Oral presentation in The International Conference on the 5th KKU Engineering (KKU-IENC 2014) “Engineering and Technological Responses to Global Challenges”. Khon Kaen, Thailand. March 27-29.