

**Name:** Roy Andreas, S.Si, M.Si, Ph.D

**Nationality:** Indonesia

**Institution:** Chemistry Department, Faculty of Mathematic and Natural Sciences, Universitas Jenderal Soedirman, Indonesia

Activities:

- a. Designing an academic exchange agreement between University of Toyama and Universitas Jenderal Soedirman
- b. Collaborated in the establishment of a University Liaison Office Toyama at Universitas Jenderal Soedirman
- c. Collaborate in the selection of Japanese Government Scholarship international students who will continue their master's and doctoral studies at University of Toyama
- d. Conducting international research collaboration with professors from University of Toyama

Co-authored Papers with researchers of University of Toyama:

"Nutrient footprints of primary production - physical and biogeochemical processes in the Asian Marginal Sea"

Roy Andreas, Jing Zhang

International Research Collaboration, Funding from UNESCO, 2022

"Study on submarine groundwater discharge (SGD) as a potential nutrient for marine biota on the south coast of Central Java"

Roy Andreas, Jing Zhang

International Research Collaboration, Funding from the Indonesian government, 2021

"Submarine Groundwater Discharge A Potential Source of Nutrient Enrichments in An Indonesian Coastal Ecosystem"

Roy Andreas, Jing Zhang

International Research Collaboration, Funding from the Indonesian government, 2020

"Fractionation and environmental risk of trace metals in surface sediment of The East China Sea by modified BCR sequential extraction method"

Roy Andreas, Jing Zhang  
Molekul Journal, 2016

"Characteristics of adsorption interactions of cadmium (II) onto humin from peat soil in freshwater and seawater media"

Roy Andreas, Jing Zhang  
Bulletin of environmental contamination and toxicology, 2014

"Biogeochemical study of trace elements in surface sediment from the marginal sea (East China Sea) to the open-ocean (northwestern Pacific)"

Roy Andreas, Jing Zhang  
Doctoral Thesis, 2015

"Bioavailability of Trace Metals in the Surface Sediment of the Northwestern North Pacific Ocean By BCR Sequential Methods with ICP-MS"

Roy Andreas, Jing Zhang  
Asia Oceania Geosciences Society (AOGS) 11th Annual Meeting, 2014

"Mobility and Environmental Risk of Trace Metals in Surface Sediment of the East China Sea"

Roy Andreas, Jing Zhang  
Asia Oceania Geosciences Society (AOGS) 11th Annual Meeting, 2014

"Concentration and Potential Mobility of Trace Metals in Surface Sediment of the North Pacific Ocean By BCR Sequential"

Roy Andreas, Jing Zhang  
Japan Geoscience Union Meeting (JpGU), 2014