



# AIJST

## Aceh International Journal of Science and Technology

pISSN : 2088-9860 eISSN : 2503-2348



[HOME](#)   [ABOUT](#)   [USER HOME](#)   [CATEGORIES](#)   [SEARCH](#)   [CURRENT](#)   [ARCHIVES](#)  
[ANNOUNCEMENTS](#)   [CONTACT](#)

Home > Archives > **Vol 6, No 3 (2017)**

## Vol 6, No 3 (2017)

December 2017

### Table of Contents

#### Articles

Water Footprint Analysis In Krueng Aceh Watershed, Aceh Province, Indonesia Purwana Satriyo, Hidayat Pawitan, Yanuar J Purwanto, Yayat Hidayat 10.13170/aijst.6.3.8655	PDF 86-96
Investigation of Subgrade Particles Acceleration Due To Dynamic Loading Rini Kusumawardani 10.13170/aijst.6.3.8427	PDF 97-103
Residual Radioisotopes Generated from Neutron Irradiated Aluminum Capsules Imam Kambali, Indra Saptiama, Hari Suryanto 10.13170/aijst.6.3.8116	PDF 104-110
Canteen Wastewater and Gray Water Treatment Using Subsurface Constructed Wetland-Multilayer Filtration Vertical Flow Type with Melati Air (Echindorus paleaefolius) Ariani Dwi Astuti, Astri Rinanti, Alexandre Amo F. Viera 10.13170/aijst.6.3.8446	PDF 111-121
Characteristic of concrete using acetylene sludge as a substitute material for sand and cement Dwi Indrawati, Rian Prasetyo Wisnu, Hilarion Widyatmoko 10.13170/aijst.6.3.9239	PDF 122-131
The Analysis of SEIRS-SEI Epidemic Models on Malaria with Regard to Human Recovery Rate Resmawan Resmawan, Paian Sianturi, Endar Hasafah Nugrahani 10.13170/aijst.6.3.9303	PDF 132-140
Adsorption of 2,4,6-trichlorophenol on kaolinite: DFT calculations Sara Ghezali, Amina Mahdad-Benzerdjeb 10.13170/aijst.6.3.6987	PDF 141-152
Pedestrian Space Characteristics Analysis on Kyai Tapa-KH. Hasyim Ashari Street Corridor, West Jakarta Quintarina Uniaty 10.13170/aijst.6.3.8447	PDF 153-165

#### EDITOR-IN-CHIEF:

Assoc. Prof. S.  
**Sugianto, Ph.D**  
Syiah Kuala University,  
Banda Aceh – Indonesia

Profile in Scopus -  
Profile in Google Scholar

#### MANAGING EDITOR:

**Muhammad Irham, Ph.D**  
Syiah Kuala University,  
Banda Aceh – Indonesia

Profile in Google Scholar

#### ASSOCIATE EDITOR:

##### Dr. Saiful, M.Si

Syiah Kuala  
University, Banda  
Aceh – Indonesia

Profile in  
Scopus - Profile in  
Google Scholar

##### Muhammad Bahi, Ph.D

Syiah Kuala  
University, Banda  
Aceh – Indonesia

Profile in  
Scopus - Profile in  
Google Scholar

##### Prof. Z. A. Muchlisin, Ph.D

Syiah Kuala  
University, Banda  
Aceh – Indonesia

Profile in  
Scopus - Profile in  
Google Scholar

#### VISITOR



This work is licensed under a Creative Commons Attribution-Non Commercial 4.0 International License (CC BY-NC 4.0).