



# Siam Physics Congress 2018

## Tuesday 22 May 2018

### A014: Environment (Poster) - Ayutthaya Room (15:00 - 16:00)

[id] title	presenter	board
[699] Energy Consumption and quality attributes for drying postharvest of dragon fruit ( <i>Hylocereus undatus</i> ) following disinfesting hot air treatments	Mr BOONSUWAN, Sirakop	
[600] Study and Analysis of Particulate Matter Sources in Lampang	Ms INPUN, Supaporn Ms JUMKHAMMOON, Anchanida	
[678] Sources and trajectories of particulate matter measured at Lampang Rajabhat University	Mr PANAMPAL, Rapeepat Mr WONGPUN, Jedsada	
[435] THE EFFECT OF GRANULAR MATERIAL ON STRESS STATE TRANSDUCER	Mr THUNGSOTANON, Dithaporn	
[606] Levels of Indoor Radon Concentration in Schools: Case Study in Schools in the Northeast Thailand	Ms SOLA, P.	
[817] Study on corn silk drying for corn silk tea	Dr ACHARRY, Salinee	
[692] Estimation of attenuation coefficient of solar radiation in the atmosphere of Thailand	Mr PHOKATE, Sayan	
[461] Recurrent Geomagnetic Storms and Equinoctial Ionospheric F-Region in the Low Magnetic Latitude: A Case Study	Dr YEERAM, Thana	
[477] Effects of clouds on solar radiation at Songkhla.	Mr YONGSIRIWITH, Phayao	
[502] Heat Production of Radioactive $^{238}\text{U}$ $^{232}\text{Th}$ and $^{40}\text{K}$ in Thung Nui Hot Spring Rocks Area, Satun Province Southern of Thailand	Ms KHOONPHUNNARAI, Pitchpilai	
[523] Estimation solar radiation in Thailand using Angstrom-Prescott model and Interpolation empirical coefficients	KEAWSANG-IN, Kulaya	
[560] Impact of Phosphate Fertilizers on the Uranium and Thorium of Cultivated Soils Profiles, Kamphaeng Phet, Thailand	Ms PORNTEPKASEMSAN, Boonsom	
[561] Potential effects of rain intensity and evaporative loss on the stable isotope compositions of surface water in Kamphaeng Phet, Thailand	Mr KULSAWAT, Wutthikrai	
[582] A study of relation between Enso index and the change of rainfall in Thailand	KHONSALAD, Suticha	
[594] Study of Radar Rainfall Estimation using Geographic Information Systems over Chiang Mai Province	Ms INLAUNG, Kevalin	
[636] Evaluation of Southwest Monsoon Change over Thailand by High-resolution Regional Climate Model	ARPORN RAT, Theerapat	
[640] A Study of the Efficiency of Charcoal Briquettes from <i>Canarium Sabulatum</i> Guillaumin and <i>Xylia Xylocarpa</i>	Mrs DANGPHONTHONG, Duangkamol	
[643] Comparison Study of Efficiency and Property of Fuel Briquette by Electrical Machine by Motor and Hand Machine Using Bicycle	Mrs DANGPHONTHONG, Duangkamol PINATE, Wasan	
[658] Study the Correlation between Solar Storms and Earthquakes	Ms SEETAPONG, Nawarat	

<b>[703] Development of Germinated Parboiled Thunya-sirin Glutinous Rice Product under Modified Greenhouse Dryer</b>	Ms ARTWONGSA, Nisachon Ms SAEMSRI, Pawinee	
<b>[719] The studying of Soil Gas Radon Probe coupled with RAD7 to identify Active Faults</b>	Mr ATYOTHA, Vitsanusat	
<b>[764] Determination of Heat Transfer Coefficient of Organic Chiangda Tea (<i>Gymnema inodorum</i> Lour.) under Hot Air Convection Drying</b>	Mr RUTTANASURIYAKORN, Suriya	
<b>[747] Stable isotope ratio of local rice samples in Thailand</b>	Dr KUKUSAMUDE, Chunyapuk	
<b>[777] Numerically Simulations the Germinated Parboiled Thunya-sirin Glutinous Rice under a Combined Far infrared Radiation and Air Convection Drying</b>	Dr SAROBOL, Mali Mr SAROBOL, Preedok	
<b>[457] Subsurface fault investigation in Chiang Rai province, northern Thailand by integrated geophysical surveys.</b>	Ms SUNDOD, Chulalak	
<b>[422] Study of Floater for Electricity Production from Wave Energy</b>	Dr SRISANG, Naruebodee	
<b>[642] Building a Charcoal Extruder by using Bicycle Power</b>	Mrs DANGPHONTHONG, Duangkamol PINATE, Wasan	
<b>[806] The analysis of correlation between the outdoor temperature and electric energy consumption of air-conditioning system based on moist air properties</b>	Dr RATTANONGPHISAT, Waraporn	
<b>[655] Comparison of Spatial rainfall amount from Meteorology Radar and Ground Station over Chiang Mai province</b>	Ms MUANG-UNE, Chanaporn	
<b>[651] Rainfall Estimation from Radar in different seasons over Northern Thailand</b>	AUMJIRA, Papatsorn	
<b>[618] Study of Z-R relationship among different topographies in Northern Thailand</b>	AUIPONG, Namfhon	
<b>[596] Variability in the Frequency of Temperature over Thailand using Wavelet Transform</b>	Dr THANGPRASERT, Nipon	
<b>[569] Preparation of the CsPbBr<sub>3</sub> perovskite film for using as the light absorber in the hole-free transport materials for perovskite solar cells</b>	Mr HOMRAHAD, Vallop	
<b>[541] Investigation Effective Moisture Diffusivity and Activation Energy on Convective Hot Air Drying Assisted Extraction of Dragon Fruit Slices</b>	Dr SAROBOL, Mali	
<b>[540] Mathematical Model Suitability for Thin-Layer Drying of Chiangda Herbal Tea (<i>Gymnema inodorum</i> Lour.) under Modified Greenhouse Dryer</b>	Dr SAROBOL, Mali	
<b>[539] Grain size and moisture content effects soil sample properties in portable X-ray fluorescence analysis of geological samples</b>	Dr NUCHDANG, Sasikarn	
<b>[471] Physical Properties and Micro Structure of Fuel Pellet Made from Part of Tree in Southern Thailand</b>	WATTANA, Wassachol	
<b>[469] Fabrication hydrogen generation system from CNT/Al application backup power of PEMFC stacks</b>	Mr CHINNASA, Pornchai	
<b>[801] Applying Isotope Techniques for Identifying Groundwater Dynamic in Phrae Basin</b>	Mr KAMDEE, Kiattipong	
<b>[766] Elemental quantification of airborne particulate matter at Nong kung tao, Thasongkhorn Sub-district, Muang district, Mahasarakham Province, by x-ray fluorescence technique</b>	Mr PRANEEKIT, piriya Mr RUDCHAPO, thanin PONGSATHORN, CHamp	
<b>[746] A pilot study stable isotope ratio and elemental compositions in Bird's Claw Rice (Khao Leb Nok) in the south of Thailand</b>	Dr KONGSRI, Supalak	