

# Wahyu Sasongko Putro

• Lot 1065 No. 50 KG SG Tangkas, 43000, Kajang, Selangor  
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## Profile

Name/Nick name: Wahyu Sasongko Putro/Wahyu (Male)  
Vision : To be inspiring and helping everyone  
Day of birth : 10 December 1987 (30 years-2017)  
Nationality : Indonesia  
Total Experience : 4 Years (3 years research experience, 1 year work experience)  
Current address : Lot 1065 No. 50 KG SG Tangkas, 43000, Kajang, Selangor  
Permanent address: Jl. Aryo Bebangah No. 228A, 61254, Sidoarjo, East Java  
Phone : +6011-3993-0797  
Availability : Immediate

## Education

M.Sc. **Universiti Kebangsaan Malaysia (UKM), Malaysia.** M.Sc. Science in Space Science Centre (ANGKASA), Institute Of Climate Change (Ongoing-Waiting graduation).

B.Sc. **Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia.** B.Sc. Engineering Physics

Diplm. **Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia.** Diplm. Engineering Physics

## Work Experience

- Research Assistant (Full Time), Universiti Kebangsaan Malaysia 2014 – June 2016
- Private teacher in physics and mathematics studies 2015
- Software Engineer (Full Time), PT. Data Integra Dinamika, East Java, Surabaya, Indonesia 2011-2012

## Publications

- Suparta, W. and Putro, W.S., 2014. Analysis distribution of galactic cosmic rays particle energy with polar orbit satellite for Geant4 application. In *Journal of Physics: Conference Series* (Vol. 495, No. 1, p. 012038). IOP Publishing. 2014
- Suparta, W. and Putro, W.S., 2014. Modeling of soft sensor based on artificial neural network for galactic cosmic rays application. In *Journal of Physics: Conference Series* (Vol. 539, No. 1, p. 012021). IOP Publishing. 2014
- Putro, W.S. and Lestari, R.E., 2015. The scoring quality of astronauts' sleeps using Fuzzy C-Means (FCM) during microgravity effect in the International Space Station (ISS). *Scientific Journal of PPI-UKM*, 2(1), pp.1-3. 2015

- Suparta, W., Putro, W.S., Singh, M.S.J. and Asillam, M.F., 2015, August. The estimation of rainfall and precipitation variation during 2011 convective system using an artificial neural network over Tawau, Sabah. In *Space Science and Communication (IconSpace), 2015 International Conference on* (pp. 479-484). IEEE. 2015
- Suparta, W., Putro, W.S., Singh, M.S.J. and Asillam, M.F., 2015. Characterization of GPS and meteorological parameters for mesoscale convective systems model over Tawau, Malaysia. *Advanced Science Letters*, 21(2), pp.203-206. 2015

### Conference paper and presentations

- Presentation: 1<sup>st</sup> International conference on science and technology applications in climate change (STACLIM), Bali, Indonesia, (Speaker). 2015
- Presentation: Space Science and Communication (IconSpace), 2015 International Conference IEEE, Langkawi, Malaysia, (Speaker). 2015
- Presentation: International Conference Multidisciplinary Academic (ICMA), Kuala Lumpur, Malaysia, (Speaker). 2015
- Workshop: Basic big data processing for beginner, Surabaya, Indonesia, (Speaker). 2014
- Workshop: Introduction of Object-oriented programming (OOP), Surabaya, Indonesia, (Participant) 2014
- Workshop: Basic instrumentation and measurement, Surabaya, Indonesia, (Speaker) 2014

### Project Experience

- Developer thunderstorm modeling for weather station in Tawau (MOSTI project Grant SF-1100) Universiti Kebangsaan Malaysia (UKM), Malaysia. 2013-2016
- Data base developer Tactical Team Trainer (TTT) simulation, PT. Data Integra Dinamika, Surabaya, Indonesia. 2012
- Design of smart bioreactor and monitoring system using LabView, Institut Sepuluh Nopember Surabaya (ITS), Indonesia. 2011
- Maintenance electrical system and Diesel genset over Angkasa Pura, Juanda Airport, Surabaya, Indonesia. 2010
- Design of green house for hidroponics plant and monitoring system, Institut Sepuluh Nopember Surabaya (ITS), Indonesia. 2009
- Maintenance helper in Heat Recovery Steam Generator-HRSG plan over PT. IPMOMI power plan, Paiton, Situbondo, Indonesia 2008

### Professional membership

- IEEE member chapter UKM 2015
- Member of SCOPUS (bibliographic database containing abstracts and citations for academic journal articles) 2016
- Member of ORCID (Open Researcher and Contributor ID) 2016

### Affiliations/Memberships

- Angkasa Student Association (ASA), Malaysia 2015
- Indonesian Student Association - UKM (PPI-UKM), Indonesia 2016

### Salary (Basic + Benefits + Allowances)

- Current: RM 2000
- Expected Salary: RM 3500~5500 (nego)

### Technical, Communication, and writing skill

Skill	Software/Language	Status
Technical	Ms. Office	Expert
	Linux	Good
	iOS	Good
	Windows	Expert
	SQL database	Good
	PHP	Moderate
	HTML	Good
	Python	Good
	Matlab	Expert
	Electrical and Hardware (IT)	Expert
	Minitab	Expert
	Web browser (Firefox, oprera, etc)	Expert
	C++	Good
	Pascal	Moderate
	Bash (Linux and iOS language)	Moderate
	Visual studio	Basic
	Adobe Photoshop	Moderate
	AutoCAD	Basic
	SAP management	Basic
	Video editor	Expert
Communication	Melayu	Expert
	English	Good
	Germany	Basic
Writing	Melayu	Good
	English	Expert
	Germany	Moderate

**Future plant, objective, if I'm selected become to employee**

- My dedication for company is growing up the income and reached set point due to i have experienced working under team and personal.
- My skills to improve weaknesses Company to reached the vision and reputation company, respectively.
- My loyalty used to increase the mission company and work quality due to Im self-learner and hardworker.

**Interests and additional skills**

- IT and Technology: I have familiar and extensive knowledge of Ms. Office, SQL, Pascal, C++, Linux and Java language. I am confident in the use of technology to support my research such as create model, GUI application and Analyze system. In my work role I use MATLAB software to analyze the system and process the data.
- Languages: I am fluent of Bahasa Melayu, Bahasa Indonesia, and English (written and oral). I also learn deutsche sprache (Germany language) in level A1 over 2015.

**References**

- Assoc. Prof. Dr. Wayan Suparta, Science in Space Science Centre (ANGKASA), Institute Of Climate Change, Email: [wayan@ukm.edu.my](mailto:wayan@ukm.edu.my), Telp: 603-8911 8485, Fax: 603-8911 8490.
- Dr. Gunawan Nugroho, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia, Engineering Physics, Email: [gunawan@ep.its.ac.id](mailto:gunawan@ep.its.ac.id). Telp: +62815-5313-2408
- Hendra Cordova, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia, Engineering Physics, Email: [hcordova@ep.its.ac.id](mailto:hcordova@ep.its.ac.id).