



1. Personal Data	
Name: Asep Sofyan	Date and Place of Birth: September 30 th , 1971, Jakarta – Indonesia
Nationality: Indonesia	Gender: Male
Department, faculty, university: Environmental Engineering Department, Faculty of Civil & Environmental Engineering, Institut Teknologi Bandung	
Title of position held: Assistant Professor	Address: Jl. Ganesa No. 10 Bandung 40132
Tel. +62 22 2502647 Fax. +62 22 2530704	

2. Educational Qualifications				
2-1. Academic Qualification (Repeat as necessary)				
Dr. Eng, Air Pollution, 2007, Toyohashi University of Technology, Japan MT, Environmental Engineering, 2001, Institut Teknologi Bandung, Indonesia BSc, Environmental Engineering, 1997, Institut Teknologi Bandung, Indonesia				
2-2. Academic Experience				
Assistant Professor at Environmental Engineering, Institute of Technology Bandung, full time				
2-3. Non Academic Experience				
Company or Entity	Title	Brief Description of Position	Year	Full/ Part Time
PT. LAPI and LAPI Institute	Environmental Engineer			Part Time
2-4. Certification or Professional Organizations				
Certified Lecturer in Higher Education from the Indonesian Ministry of Research, Technology, and Higher Education				
2-5. Current Membership in Professional Organizations				
Indonesian Society of Sanitary and Environmental Engineers, 1999-now				
2-6. Honors and Awards				
Satya Lancana Karya Satya, from President of Republik of Indonesia				
2-7. Service activities:				

2-2. Research Experience

Number of years of experience in the field related to the project:
19 years

Field of specialization:
Air Pollution Modeling and Climate Change

2-3. Research Achievements

List of Major Publications within 5 years:

- **Asep Sofyan**, Nur Diansyah, “Updating Emission Inventory for Developing Integrated Air Quality Management in Tangerang City, Indonesia”, The Second Joint Seminar of Japan and Indonesia, Environmental Sustainability and Disaster Prevention (ESDP-2015), Denpasar, Indonesia – March 22 – 24, 2015.
- **Asep Sofyan**, Lailatus Siami, and Russ Bona Frazila, “Emission Reduction from Implementation of Bus Rapid Transit Corridor 13th in Jakarta”, The 5th Environmental Technology and Management Conference “Green Technology towards Sustainable Environment”, November 23 - 24, 2015, Bandung, Indonesia
- Tokairin, T, **Sofyan, A**, Kitada, T, Effect of Land Use Changes on Local Meteorological Conditions in Jakarta, Indonesia: Toward The Evaluation of The Thermal Environment of Megacities in Asia, *International Journal of Climatology* Volume **30**, Issue 13, pages 1931-1941, 15 November 2010, DOI: 10.1002/joc.2138
- **Sofyan, A**, Agoes, R, Suroso, D, Hadi, TW, and Fitrianto. Modeling the Effects of Weather and Climate Change on Malaria, DHF, and Diarrhea Transmission: Case Study South Sumatera, Indonesia, Proceeding of Environmental Technology and Management Conference, 3-4 Nov 2011.
- **Sofyan, A**, Agoes, R, Suroso, D, Hadi, TW, and Fitrianto. Climate Change, Water, and Human Health: Health Risk Assessment in South Sumatera, Proceeding of Environmental Technology and Management Conference, 3-4 Nov 2011.
- Kitada T., **Asep Sofyan**, and Kurata G.(2008) Numerical simulation of air pollution transport under sea/land breeze situation in Jakarta, Indonesia in dry season. Air Pollution Modeling and its Application XIX, C. Borrego and A.J. Miranda (eds.), 243-251, Springer.

Other relevant information:

Latest Professional Activities:

- 2015, as Environmental Expert in “Development of Integrated Air Quality Management in Indonesia”, work for Ministry of Environment and Forestry of Indonesia
- 2015, as Environmental Expert in “Development of Guideline for Forest Carbon Accounting and Climate Change Mitigation from Waste Sector in Indonesia” work for Ministry of Environment and Forestry of Indonesia
- 2015, as Environmental Expert in “Role of Community for Sustainability Solid Waste Management in Indonesia” work for Ministry of Environment and Forestry of Indonesia
- 2015, as Environmental Expert in “Assessment for Total Economic Value of Ecosystem in Great Bandung Basin, West Java, Indonesia”, work for West Java Province
- 2015, as Environmental Expert in “Strategic Planning for Law Enforcement for Reducing Illegal Logging and Forest Fire in Indonesia” work for Ministry of Environment and Forestry of Indonesia
- 2015, as Environmental Expert in “Environmental Policy Development for Environmental Sustainability in Local Community in Indonesia” work for Ministry of Environment and Forestry of Indonesia
- 2015, as Environmental Expert in “Environmental Policy Development for Forest Fire Management in Local Community in Indonesia” work for Ministry of Environment and

Forestry of Indonesia

- 2014, as Air Quality Expert in “Development of Decision Support System for Air Quality Management in Jakarta”, work for Jakarta City
- 2014, as Environmental Expert in “Improvement Climate Change Resilience Village in Indonesia”, work for Ministry of Environment of Indonesia
- 2014, as Environmental Expert in “Implementation of Eco-Airport in Indonesia”, work for Ministry of Transportation of Indonesia