



1. Personal Data	
Name: Arief Sudradjat	Date and Place of Birth: 1968/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: Jalan Ganesa no. 10 Bandung 40132
Tel. +62 22 2502647 Fax. +62 22 2530704	

2. Educational Qualifications				
2-1. Academic Qualification (Repeat as necessary)				
PhD, Water Resources, 2002, University of Maryland, College Park, USA MIS, Environmental Studies, 1997, Virginia Commonwealth University, USA BSc, Environmental Engineering, 1991, Institut Teknologi Bandung, Indonesia				
2-2. Academic Experience				
Instructor in 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 Registrations				
<ul style="list-style-type: none"> • Certified Professional Engineer in Environmental Engineering (Insinyur Profesional Madya; IPM; from the Institution of Engineers Indonesia/Persatuan Insinyur Indonesia) (Equivalent to the American Society of Civil Engineers' PE) • Certified Lecturer in Higher Education (SERDOS; from the Indonesian Ministry of Research, Technology, and Higher Education) 				
2-5. Current Membership in Professional Organizations				

- Indonesian Society of Sanitary and Environmental Engineers, 1992-now
- Professional Engineer in Environmental Engineering

2-6. Honors and Awards

Satya Lancana Karya Satya, from President of Republik of Indonesia

2-7. Service activities:

2-8. Research Experience

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

24 years

Field of specialization:

Hydrology, Water Resources, and Climate

2-9. Research Achievements

List of Major Publications within 5 years:

- Sudradjat, A., R. R. Ferraro, N-Y. Wang, K. Gopalan, 2011: Prototyping a generic, unified land surface classification and screening methodology for GPM-era microwave land precipitation retrieval algorithms. *J. Appl. Meteor. Climatol.*, **50**, 1200–1211. doi: 10.1175/2010JAMC2572.1. (SCOPUS Impact per Publication (IPP) 2.458; total cited 5)
- Angga, M. S., and **A. Sudradjat** (2015), Vehicle Emission Cohort Modelling for Bali Province, the 2015 Environmental Technology and Management Conference, 23-24 November, Bandung, Indonesia.
- Kerstens, S., and **A. Sudradjat** (2014), Better effluent quality, smaller footprint and lower costs with the sustainable Nereda® wastewater treatment technology, the 2014 Indo Water Forum, 22 May, Surabaya, Indonesia. Environmental Management Technology Research Group, ITB, Bandung 40132, Indonesia.
- Nastiti, A., W. A. Primasuri, B. Setiani, **A. Sudradjat**, I. Latifah, D. Roosmini, A. J. M Smits, and S. Meijerink (2013), Water and sanitation in urban slum: A case from Bandung municipality, West Java, Indonesia, the 2nd International Conference on Sustainable Infrastructure and Built Environment, 19-20 November, Bandung, Indonesia. Environmental Management Technology Research Group, ITB, Bandung 40132, Indonesia.

- Research Experience

- Alternatives to governance development and utilization of the Upper Citarum Watershed, Center for Research on Infrastructure and Regional-ITB. (Primary Investigator), 2016.
- Low Impact Development Technology for Road Sector, ITB-Institute of Road Engineering, Agency for Research and Development, Indonesian Ministry of Public Works and Housing (Advisor), 2015.

• Other relevant information:

• SCOPUS h-index: 3; and total citations: 85. (per Mar 30th, 2016)

• Latest Professional Activities:

• Water Supply Development Specialist, Study on domestic water mix as an alternative for water supply, PT. Bemaco Rekaprima-Indonesian Ministry of Public Works and Housing. (on going), 2016

• Water Supply Development Specialist, Water Supply Development Policy and Strategy for Kota Bandung, PT. Bemaco Rekaprima-Kota Bandung, 2016

• Trainer, Training for Trainers for PDAM Water Safety Plan, PT. Bemaco Rekaprima-Indonesian Ministry of Public Works and Housing, 2015

- Domestic Water Balance Analyst for Water Safety Plan and RPJMN, WASPOLA Facility (AUSAID Grant), WSP-EAP/World Bank, 2014
- Water Quality Modeling Specialist, PT. Bemaco Rekaprima-Indonesian Ministry of Public Works and Housing, 2013
- Water Safety Plan Field Trial Monitoring Consultant, WASPOLA Facility (AUSAID Grant), WSP-EAP/World Bank, 2012-2013
- Team Leader, Improving the Effectiveness of and Synergies between Water Supply and Sanitation Programs, PT. Trimitra Abadi Selaras-the Indonesian Ministry of Public Works, 2012