



1. Personal Data	
Name: Driejana	Date and Place of Birth: January 30 <sup>th</sup> , 1966, Bandung – Indonesia
Nationality: Indonesian	Gender: Female
Department, faculty, university: Environmental Engineering Department, Faculty of Civil & Environmental Engineering, Institut Teknologi Bandung	
Title of position held: Associate Professor	Address: Jl. Ganesha No.10 Bandung 40132
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2. Educational Qualifications				
<b>2-1. Academic Qualification (Repeat as necessary)</b>				
Doctoral	: Ph.D., in Environmental Science, Manchester Metropolitan University, U.K.			
Master's	: Purdue University – West Lafayette, Indiana, USA, Master of Science in Civil Engineering (MSCE), specialisation in Environmental Engineering ITB, Indonesia			
Undergraduate: Bachelor of Environmental Engineering				
<b>2-2. Academic Experience</b>				
<ul style="list-style-type: none"> <li>• Associate Professor, Environmental Engineering, ITB, 1997- now, Full time</li> <li>• Head of Air Quality Laboratory, Faculty of Civil and Environmental Engineering ITB, 2014-2016</li> <li>• Head of Master's Programme in Water and Sanitation Infrastructure Management, Faculty of Civil and Environmental Engineering ITB, 2014-2016</li> <li>• Quality Assurance Manager of Air Quality Laboratory, ITB, 2007-2016</li> </ul>				
<b>2-3. Non Academic Experience</b>				
<b>Company or Entity</b>	<b>Title</b>	<b>Brief Description of Position</b>	<b>Year</b>	<b>Full/ Part Time</b>
Aric – Centre for Air, Transport and the Environment, Manchester Metropolitan University, Manchester, UK	Research Associate		2002-2003	Part Time

**2-4. Certification or Professional Registrations**

Certified Lecturer in Higher Education from the Indonesian Ministry of Research, Technology, and Higher Education

**2-5. Current Membership in Professional Organizations**

- Eastern Asia Society of Transportation Studies (EASTS), member (2011 – present)
- Masyarakat Transportasi Indonesia (Indonesian Transport Society), member (2011 – present)
- Indonesian Association of Sanitary and Environmental Engineers (IATPI), member (1993- present)

**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:

25 years

Field of specialization:

Air quality management, air quality monitoring, air quality modeling, emission factor development and emission inventory of various sources, acid deposition, air pollution control and cross-cutting issues, e.g. environmental aspects in transportation, spatial analysis of environmental data using GIS, environmental statistics, environmental health related to air pollution, climate change.

**2-9. Research Achievements****List of Major Publications within 5 years:**

- **Driejana** and Sidjabat, F.M., Motorcycle Growth and its Emission Contribution to Urban Air Pollution, accepted for *Eastern Asia Society for Transportation Studies Journal*
- Yudison, A.P and **Driejana**, Development Of Indoor Air Pollution Concentration Prediction By Geospatial Analysis, *J.Eng.Technol.Sci.* Vo.47, No.3, 306-315
- **Driejana**, Mayangsari, M., Riqqi, A., 30<sup>m</sup>-Grid Resolution Of Domestic Emission Mapping In Bandung City, makalah dalam the proceedings of Environmental Technology and Management Conference (ETMC), Bandung, 22-24 November 2015
- Hermawan, Puti Farida Marzuki, Muhamad Abduh, **R. Driejana** (2015), The Role of Supply Chain to Climate Change, makalah dalam the proceedings of Environmental Technology and Management Conference (ETMC), Bandung, 22-24 November 2015
- Hermawan, Puti Farida Marzuki, Muhamad Abduh, **R. Driejana** (2015), Identification of Source Factors of Carbon Dioxide (CO<sub>2</sub>) Emissions in Concreting of Reinforced Concrete, The 5th International Conference of Euro Asia Civil Engineering Forum (EACEF-5), September 15-18, 2015.

**Research Experience within 5 years:**

- The impacts of transportation emissions on toxic and carcinogenic air pollutant levels in urban atmosphere, 2016, Principal Investigator.
- Prediction model for development of air pollution hazards early warning system, ITB, 2014 (Principal Investigator)

**Other relevant information:****Latest Professional Activities:**

- Lead Author, Global Environmental Outlook 6 (GEO6) for Asia Pacific Region, Air Quality Chapter, United Nations Environment Programme, 2015-2017
- Technical Coordination Meeting on Air Quality Monitoring with Passive Sampler De-

concentration in 250 Cities and Regencies, Directorate General Environmental Pollution Control, Ministry of Environment and Forestry, Jakarta, 2016

- Technical Meeting on Air Quality Monitoring with Passive Sampler, West Sumatera Environmental Control Agency (Bapedalda Sumatera Barat), Padang, 2016
- Technical Coordination Meeting on Air Quality Monitoring with Passive Sampler, Directorate General Environmental Pollution Control, Directorate Air Pollution Control, Ministry of Environment and Forestry, Jakarta, 2015