



| 1. Personal Data  |   |
|---|---|
| Name:<br>Puji Lestari   | Date and Place of Birth:<br>May 27 <sup>th</sup> , 1960, Sragen – Indonesia |
| Nationality:<br>Indonesia   | Gender:<br>Female   |
| Department, faculty, university:<br>Environmental Engineering Department, Faculty of Civil & Environmental Engineering,<br>Institut Teknologi Bandung |   |
| Title of position held:<br>Associate Professor  | Address:<br>JL. Ganesha No.10, Bandung 40132                                |
| Tel. +62 22 2502647 Fax. +62 22 2530704   |   |

| 2. Educational Qualifications  |                        |                               |      |                 |
|--|------------------------|-------------------------------|------|-----------------|
| <b>2-1. Academic Qualification (Repeat as necessary)</b>   |                        |                               |      |                 |
| <ul style="list-style-type: none"> <li>• <i>Illinois Institute of Technology, USA.</i> Environmental Engineering, Major in Air Pollution, Doctor of Philosophy (Ph.D), December 1996</li> <li>• <i>GadjahMada University, Indonesia,</i> Chemical Engineering, Bachelor degree, August 1986</li> </ul> |                        |                               |      |                 |
| <b>2-2. Academic Experience</b>  |                        |                               |      |                 |
| <ul style="list-style-type: none"> <li>• <i>Associate Professor at Environmental Engineering, ITB, 1996-now, Full time</i></li> </ul>  |                        |                               |      |                 |
| <b>2-3. Non Academic Experience</b>  |                        |                               |      |                 |
| Company or Entity  | Title                  | Brief Description of Position | Year | Full/ Part Time |
| PT. LAPI and LAPI Institute  | Environmental Engineer |                               |      | Part Time       |
| <b>2-4. Certification or Professional Registrations</b>  |                        |                               |      |                 |
| Certified Lecturer in Higher Education from the Indonesian Ministry of Research, Technology, and Higher Education  |                        |                               |      |                 |
| <b>2-5. Current Membership in Professional Organizations</b>   |                        |                               |      |                 |
| <ul style="list-style-type: none"> <li>• Air and waste Management Association (AWMA), USA, 2002-now</li> <li>• Indonesian Society of Sanitary and Environmental Engineers</li> </ul>   |                        |                               |      |                 |

**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:  
30 years

Field of specialization:  
Air Quality Management

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

- Wiwiek Setyawati, Enri Damanhuri, **Puji Lestari**, Kania Dewi, "Correlation between The Dept and Physucal-Chemical Properties of Tropical Peat (Study Case: Pontianak, West Kalimantan)", The 5th Environmental Technology and Management Conference "Green Technology towards Sustainable Environment" November 23 - 24, 2015, Bandung, Indonesia.
- Hafidawati, **Puji Lestari**, Asep Sofyan, "Investigation of PM2.5 and Black Carbon Concentration From Rice Straw Open Field Burning in District Cianjur, West Java", The 5th Environmental Technology and Management Conference "Green Technology towards Sustainable Environment" November 23 - 24, 2015, Bandung, Indonesia.
- Tomo, Haryo, Houben, Brent, Pratiwi, Rizky, **Puji Lestari**, "Neural Structure Model to Estimate a Time-Series of Forest Fire Incidents using Aerosol Optical Depth (AOD) and MODIS Data", accepted 20 Dec 2015, Proceeding of AWMA Annual Conference 2016 (Possibly to be published in AWMA Journal).
- **Puji Lestari**, Julia Hendra, Yandinur D and M Irsyad: Monitoring Particulate Matter Levels and Composition for Source Apportionment study in Indonesia. A book chapter, dalam buku "Improving Air Quality in Asian Developing Countries", Vietnam Publishing House of Natural Resources, Environment and Cartography. 2014.
- Prapat P, Nguyen T K oanh, Zengpinghao, Ligy philip, **Puji Lestari** and Jame Simpas: Development of Particulate Composition Profile for major Emission in Asia. A book chapter, dalam buku "Improving Air Quality in Asian Developing Countries", Vietnam Publishing House of Natural Resources, Environment and Cartography. 2014.
- Nguyen TK Oanh, Yahui Zhuang, **Puji Lestari** and Hoang Co: Development of Integrated management strategies for emission reduction from target sources in Asia. A book chapter, dalam buku "Improving Air Quality in AsianDeveloping Countries", Vietnam Publishing House of Natural Resources, Environment and Cartography. 2014.
- Haryono S Huboyo, Susumu Tohno, **Puji Lestari**, Akira Misohata, Motonori Okumura "Characteristics of Indoor air pollution in rural mountainous and rural coastal communities in Indonesia" *Journal of Atmospheric Environment*, 82 (2014) P. 343-350. Elsevier, USA.
- Yusuke fujii, Windy iriana, Masafumi Oda, Astiti Puriwigati, Susumu Tohno, **Puji Lestari**, Akira Misohata and Haryono Huboyo "Characteristic of carbonaceous aerosols emitted from Peatland fire n Riau, Sumatra, Indonesia" *Atmospheric Environment*, 87 (2014), P 164-169. Elsevier.
- Mohd Rashid, Sattar Yunus, Ramli Mat, Sabariah Baharun, and **Puji Lestari**, "PM10 black carbon and ionic species concentration of urban atmosphere in Makassar of South Sulawesi Province, Indonesia" *Atmospheric Pollution Research*, 5 (2014) 610 - 615.

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

- Team Leader Indonesia, SPARTAN- Particulate matter network, Cooperation with Dalhousie University (Canada), 2014
- Project Leader of Benchmarking Study on Energy Efficiency for power house, building offices and housing, Air pollutant inventory, Waste Management and Water conservation for Indonesian Geothermal plants as well international benchmarking; Consortium: Chevron Geothermal Salak (CGS), Chevron Geothermal Indonesia (CGI), Pertamina Geothermal Energy (PGE), Star Geothermal Energy (SGE); 2013
- Project Leader of Analysis of Waste Recovery Potential Towards Reduction of GHG Emissions in Cement Industries); GIZ PPP project with PT Holcim Indonesia and PT Indocement Tungal Prakarsa; 2013