



<b>1. Personal Data</b>	
Name: Agus Jatnika Effendi	Date and Place of Birth: August 18 <sup>th</sup> , 1967, Bandung – Indonesia
Nationality: Indonesian	Gender: Male
Department, faculty, university: Environmental Engineering Department, Faculty of Civil & Environmental Engineering, Institut Teknologi Bandung	
Title of position held: Associate Professor	Address: Jalan Ganesa no. 10 Bandung 40132
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<b>2. Educational Qualifications</b>				
<b>2-1. Academic Qualification (Repeat as necessary)</b>				
<ul style="list-style-type: none"> <li>• Doctor of Philosophy (PhD) Environmental Biotechnology Cardiff University, Wales-UK, 1999</li> <li>• Undergraduate Degree Environmental Engineering Institut Teknologi Bandung, 1991</li> </ul>				
<b>2-2. Academic Experience</b>				
<ul style="list-style-type: none"> <li>• Associate Professor at Environmental Engineering, ITB, Full time</li> <li>• Researcher, Inter University Center for Research (IUCR) on Biotechnology, ITB, 1999-2002</li> <li>• Executive Secretary Centre, Environmental Studies ITB, 2013-now</li> <li>• Head of Environmental Engineering Department, Environmental Engineering Department, 2004-2011</li> </ul>				
<b>2-3. Non Academic Experience</b>				
Company or Entity	Title	Brief Description of Position	Year	Full/ Part Time
Indonesian Centre for Mining Environmental Research (ICMER)	Executive Director	To assist mining industry and government in Indonesia in managing the environmental impact.	2000-2003	
PT. LAPI and LAPI Institute	Environmental Engineer			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**

- 1991-present: Indonesian Society of Sanitary and Environmental Engineers (IATPI)
- 2004-2011: Environmental Engineering Department Representative for South East Asia Urban Environmental Management (UEM) Sub Sector Network

**2-6. Honors and Awards**

Satya Lancana Karya Satya, from President of Republik of Indonesia

**2-7. Service activities:**

- Directorate of Education: Deputi Director for Education Monitoring, ITB

**2-8. Research Experience**

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

25 years

Field of specialization:

Air Pollution & Environmental Biotechnology

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

- Yoke Pean Thye, Meng, **Agus Jatnika Effendi**, Prayatni Soewondo, Damir Brdjanovic, Tjandra Setiadi, “*Survey on The Implementation of Tools to Support The Development of Emergency Sanitation Products*”, The 5<sup>th</sup> Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.
- Dyah Wulandari Putri, Dewi Fitria Marlisa, Dian Ardina Kusumaningayu, Prayatni Soewondo, **Agus Jatnika Effendi**, Tjandra Setiadi, “Organic Substance Removal Using Modified Tripikon-S System”, The 5<sup>th</sup> Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.
- Lufiandi, Gertjan Geerling, Agus Jatnika Effendi, Dwina Roosmini, Arief Sudrajat, A.J.M. Smits, “Water Quality Management and Water Pollution Control Under Decentralization in Indonesia: The Case of Upper Citarum River Basin”, The 5<sup>th</sup> Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.
- Thye, Y.P., **Effendi, A.J.**, Soewondo, P., Brdjanovic, D., and Setiadi, T. (2015): “*Innovating for Emergency Excreta Disposal Developing Measures to Support the Design and Dissemination of New products*”, 3<sup>rd</sup> International Faecal Sludge Management Conference, Melia Hotel Hanoi
- Thye, Y.P., **Effendi, A.J.**, Soewondo, P., Brdjanovic, D., and Setiadi, T. (2015): “*Challenges in Designing Products for the Emergency Sanitation Sector*”, Water Resources in Cambodia and Southeast Asia Challenges, Research and Impact, 30th November-1<sup>st</sup> December 2015, Royal University of Phnom Penh, Cambodia

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

- Enhanced Land-farming Bioremediation (Composting, Surfactant & Oxidation), PT CPI, July 2015-October 2016, Lead Researcher, LAPI ITB
- Various Remediation Approaches for Treating Crude Oil Contaminated Soil (COCS), PT CPI, October 2014-January 2016, Lead Researcher, LAPI ITB
- COCS Treatability Study using Surfactant and Bio-Augmented Bacteria, PT Total E&P, Team Leader, PT LAPI ITB, Nov 2014 – March 2015

- Technical Advisor for Bioremediation Process in PT CPI, November – December 2014, LAPI ITB
- Technical Advisor for Bioremediation Process in PT CPI, November – December 2014, LAPI ITB
- Environmental Impact Assessment Addendum for PT Smelting, Gresik, January 2014, Project Manager, LAPI ITB