



1. Personal Data	
Name: Mochammad Chaerul	Date and Place of Birth: September 26 th , 1974, Surabaya – Indonesia
Nationality: Indonesia	Gender: Male
Department, faculty, university: Department of Environmental Engineering, Faculty of Civil & Environmental Engineering, Institut Teknologi Bandung	
Title of position held: Assistant Professor	Address: Jl. Ganesha No. 10 Bandung 40132 Indonesia
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2. Educational Qualifications				
2-1. Academic Qualification (Repeat as necessary)				
Doctoral : Graduate School of Environmental Science and Technology, Okayama University, Japan, 2007				
Master : Environmental Engineering, Institut Teknologi Bandung, 2001				
Bachelor : Environmental Engineering, Institut Teknologi Bandung, 1998				
2-2. Academic Experience				
<ul style="list-style-type: none"> Assistant Professor at Enviromental Engineering, ITB, 2006-now, 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				
Certified Lecturer in Higher Education from the Indonesian Ministry of Research, Technology, and Higher Education				
2-5. Current Membership in Professional Organizations				
<ul style="list-style-type: none"> Indonesian Society of Sanitary and Environmental Engineers (IATPI) Indonesian Solid Waste Management Experts Association (InSWA) Indonesian Society of Construction Expert (ATAKI) 				

2-6. Honors and Awards**2-7. Service activities****2-8. Research Experience**

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

18 years

Field of specialization:

Solid waste management, design for environmental, application of system engineering

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

- Chaerul, M., Dirgantara, G.G., Akib, R. (2016). Prediction of Greenhouse Gasses Emission from Municipal solid Waste sector in Kendari City, Indonesia. *Journal Manusia dan Lingkungan, UGM (Accredited MoE)*. Vol. 23 No. 1, March 2016, p42-48.
- Takeshi Fujiwara and Mifta Ardianti Safitri, **Mochamad Chaerul** and Enri Damanhuri, “Study on Impact Analysis of Recycling-based Municipal Solid Waste Management on Recycling Business of Informal Sector in Bandung”, The 5th Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.
- Anni Rochaeni, Enri Damanhuri, **Mochammad Chaerul**, Tri Padi, “Solid Waste Collecting System Factor Analysis in Bandung City”, The 5th Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.
- **Chaerul, M.**, Sunaryani, A. (2014). Multiobjectives Analysis of Wastewater Management System in Tapioca Starch Industry: Case Study Ciamis District, West Java. *Jurnal Manusia dan Lingkungan UGM (accredited DIKTI 2011-2016)*. Vol. 21 No. 1, March 2014, p1-7.
- **Chaerul, M.**, Fahrurroji, A.R., Fujiwara, T. (2014) Recycling of plastic packaging waste in Bandung City. *Journal of Material Cycle and Waste Management – Springer*. (Vol. 16, No. 1, 509-519)
- **Muchammad Chaerul**, Emenda Sembiring Desvia Safitri, Multi Criteria for Selecting Organic Waste Disposal Alternatives by Using Analytical Network Process Method: A Case Study of Sungai, The Second International Conference on Sustainable Infrastructure and Built Environment (SIBE 2013), 19-20 Nov 2013, Bandung, Indonesia.
- **Chaerul, M.**, Junpi, L.L., Ekaristi, N. (2013). Risk minimization in medical waste management system using linear programming approach. (in Indonesian). *Jurnal Manusia dan Lingkungan UGM (accredited DIKTI)*. Vol. 20 No. 2, Juli 2013, p137-142.
- **Chaerul, M.**, Krisna Y.R., Hasan, F.R., Siahaan, S., Fariz M. (2011). Perception on environmental performance as basis of Eco-campus development at ITB. (in Indonesian). *Jurnal Penelitian Hayati UNAIR (accredited DIKTI)*, Special Edition. ISSN: 085206834.
- **Chaerul, M.**, Susangka, A. (2011) Composting Technology Selection: AHP Approach. (in Indonesian). *Jurnal Purifikasi ITS (Accredited DIKTI)*, Vol 12 No. 1 Edisi Bulan Juli 2011.

Professional Development Activities :**Latest Professional Activities**

1. Pre-feasibility study of municipal solid waste as Refuse Derved Fuel (RDF) for cement kiln at Cilacap City, PT. GEES, Team Leader, 2016
2. Detailed engineering design of final disposal site for City of Bungo (Province of Jambi), and Pasaman (Province of West Sumatera), PT. Multikaradiguna Jasa, Team Leader,

2014, 2015

3. Development of domestic waste water management for City of Anambas, Lingga, Natuna (Province of Riau Islands) and Solok Selatan (Province of West Sumatera), PT. Multikaradiguna Jasa, Team Leader, 2014, 2015
4. Development of municipal solid waste management for City of Anambas, Lingga (Province of Riau Islands), and Dharmasraya (Province of West Sumatera), PT. Multikaradiguna Jasa, Team Leader, 2014, 2015
5. Development of practical guidelines books for construction and operation of landfill for local authorities, PT. Indomas Mulia, Team Leader, 2013