



1. Personal Data	
Name: Yuniati Zevi	Date and Place of Birth: June, 1 <sup>st</sup> 1968, Bandung – Indonesia
Nationality: Indonesian	Gender: Female
Department, faculty, university: Environmental Engineering Department, Faculty of Civil & Environmental Engineering, Institut Teknologi Bandung	
Title of position held: Instructor	Address: Jl.Ganesa No. 10 Bandung 40132
Tel. +62 22 2502647 Fax. +62 22 2530704	

2. Educational Qualifications				
<b>2-1. Academic Qualification (Repeat as necessary)</b>				
Ph.D. Biological and Environmental Engineering, Cornell University, 2008 M.Sc. Biological and Environmental Engineering, Cornell University, 2003 M.Sc. Environmental Engineering, Institute Technology at Bandung (ITB), 1997 B.S. Environmental Engineering, Institute Technology at Bandung (ITB), 1991				
<b>2-2. Academic Experience</b>				
<ul style="list-style-type: none"> <li>• Instructor of Department of Environmental Engineering, Institute Technology of Bandung, Indonesia, 1993-2000; 2011-present, Full time</li> <li>• Head of Water Treatment Engineering Laboratory, Department of Environmental Engineering, Institute Technology of Bandung, 2012-present</li> <li>• Post Doctoral Associate, Department of Biological and Environmental Engineering, Cornell University, USA, 2009-2011</li> <li>• Post Doctoral Associate, Department of Plant and Soil Science, University of Delaware, USA, 2007-2009</li> <li>• Graduate Research Assistant, Department of Biological and Environmental Engineering, Cornell University, USA, 2001-2007</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>				

Indonesian Society of Sanitary and Environmental Engineers, 1992-now
<b>2-6. Honors and Awards</b> Satya Lancana Karya Satya, from President of Republik of Indonesia
<b>2-7. Service activities:</b> Secretary for Magister Program of Management of Water and Sanitation Infrastructure, Institute Technology of Bandung. Indonesia, 2012-2013.
<b>2-8. Research Experience</b>
Number of years of experience in the field related to the project: 24 years
Field of specialization: Soil and Water Engineering, Water Supply Engineering
<b>2-9. Research Achievements</b>
<b>List of Major Publications within 5 years:</b> <ul style="list-style-type: none"> <li>• <b>Yuniati Zevi</b>, Rijal Hakiki and Suprihanto Notodarmojo. (2015): “The use of local diatomite mineral to enhance the efficiency of coagulant for treating slightly polluted algae-containing surface water”, The 5th Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia</li> <li>• <b>Yuniati Zevi</b>, Deify Novandy, Mindriany Syafila, “Removal of Iron and Manganese Ions from Groundwater by Sukabumi Greenstone: The Role of Natural and Activated Modernite”, The 5th Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.</li> <li>• <b>Yuniati Zevi</b>, Refnilda Fadhilah, “Heavy Metals Removal from Urban Stormwater Runoff Using Lab-scale Biofiltration System : Influence of Filter Media Combination”, The 5th Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.</li> <li>• A. Dathe, <b>Zevi, Y.</b>, B. Gao, B. K. Richards, and T. S. Steenhuis (2013) Functional models for colloid retention in porous media at the triple line, Environmental Science and Pollution Research, 2013.</li> <li>• <b>Zevi, Y.</b>, B. Gao, E.A. Medrano, W. Zhang, V. L. Morales, M. E. Cakmak, W. Sang and T. S. Steenhuis (2012), Experimental analysis of the relative effect of capillary and DLVO forces on colloid retention at the air-water-solid interface in a microchannel, Water Research, 2012.</li> <li>• Hu J-D, <b>Zevi Y</b>, Kuo X-M, Xiao J, Wang X-J, Jin Y. Effect of dissolved organic matter on the stability of magnetite nanoparticles under different pH and ionic strength conditions. <i>Science of the Total Environment</i> 2010 ;<b>408</b>(16):3477-3489.</li> </ul>
<b>Research Experience within 5 years:</b> <ul style="list-style-type: none"> <li>• Team leader, Community engagement in the application of integrated rainwater and waste water system for ESD (Education for Sustainable Development), Case study at Dago Pojok – Bandung, as part of ITP SIDA Program. 2013.</li> <li>• Principle Investigator, Diatomae earth as coagulant aid for surface water treatment with high content algae, sponsored by Ministry of Education Indonesia through “Program Desentralisasi DIKTI”. 2013.</li> <li>• Principle Investigator, Green Infrastructure – Rain garden for treatment and conservation of surface run off in urban area. 2013.</li> <li>• Removal of heavy metal and organic matter from urban stormwater runoff using bio-retention system prior to recharging groundwater, sponsored by JICA. 2013.</li> </ul>

- Principle Investigator, Preliminary Study of Using Diatomae earth as local coagulant-aid for surface water treatment with high content of algae, sponsored by Institute Technology of Bandung through “Program Riset Internal KK”. 2012-present.

**Other relevant information:**

**Latest Professional Activities:**

- Basic Design Water Treatment Plant at Cengkareng Drain, North of Jakarta. 2014-2016.
- Design Water Treatment Plant at ITB Jatinangor. 2014-2016.
- Study of potential ground water pollution at Sukabumi, Jawa Barat. 2014-2016.