



<b>1. Personal Data</b>	
Name: Arwin Sabar	Date and Place of Birth: March 14 <sup>th</sup> , 1952, Nias – Indonesia
Nationality: Indonesia	Gender: Male
Department, faculty, university: Environmental Engineering Department, Faculty of Civil & Environmental Engineering, Institut Teknologi Bandung	
Title of position held: Professor in Water Resources Management and Conservation	Address: Jl. Ganesa No. 10 Bandung, 40132
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<b>2. Educational Qualifications</b>				
<b>2-1. Academic Qualification (Repeat as necessary)</b>				
Ph.D degree, Fluid Mechanics, I.N.P.Toulouse, France, Juli 1992				
Master degree, Civil Engineering, Institut Technology of Bandung, 1984				
Bachelor degree, Sanitary Engineering, Institut Technology of Bandung, 1977				
<b>2-2. Academic Experience</b>				
Professor in Environmental Engineering, Institute of Technology Bandung, Full Time				
<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>
PDAM Banjar City	Consultant		2012	
PDAM Semarang City	Consultant		2011	
PDAM Banyumas District	Consultant		2011	
<b>2-4. Certification or Professional Registrations</b>				
Certified Lecturer in Higher Education from the Indonesian Ministry of Research, Technology, and Higher Education				

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

1. Indonesian Society of Sanitary and Environmental Engineers 1985-now
2. Masyarakat Hidrologi Indonesia
3. Bendungan Besar Indonesia

**2-6. Honors and Awards**

Satya Lancana Karya Satya, from President of Republik of Indonesia

**2-7. Service activities:**

- Head of Environmental Management Technology Research Group, Environmental Engineering, ITB

**2-8. Research Experience**

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

39 years

Field of specialization:

Sanitary Engineering and Water Resources Management & Conservation

**2-9. Research Achievements**

List of Major Publications within 5 years:

- Mariana Marselina, **Arwin Sabar**, Indah RS Salami, Dyah Marganingrum. 2015. Optimal Management of Hydroelectric Energetic Exploitation of Saguling Reservoir in Upper Citarum Cascade, Proceeding, The 5th Environmental Manangement & Technology Conference (ETMC).
- Jakobis Johanis Messakh, **Arwin Sabar**, Iwan K. Hadihardadja. 2014. Climate Change and Strategy of Reservoir Operations In Semi- Arid Area, West Timor, The 3rd International Seminar On Sustainable Urban Development “Tje Dynamics of Urban and Environment towards Climate Change: Plant, Strategies and Practices, Held by Faculty of Landscape Architecture and Environmental Technology Trisakti University
- Hary Pradiko, **Arwin Sabar**, Prayatni Soewondo, “Runoff Coefficient Determination by Using The Scoring and Weighting Method in Upper Cikapundung Watershed”, The 5th Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.
- Pradiko, H., **Sabar, A.**, Soewondo, P. and Suryadi, Y. (2015) : “ The Change of Hydrological Regime in Upper Cikapundung Watershed West Java Indonesia”, *Journal Procedia Engineering*, Vol.125:229-235
- Butar Butar, E.S., **Sabar, A.** and Handajani, M. (2015) : “Sustainable Urban Drainage System to Land Use / Land Cover Change in Samarinda, Indonesia”, *Applied Mechanics and Materials*, Vol. 747 (2015) pp 371-374.
- **Prof. Dr. Ir. Arwin Sabar**, MS, Laili Fitria, ST, MT: Long Storage Ambawang Strategic Policy Addressing Climate Change Toward Sustainable Water Supply Raw SPAM PDAM Pontianak, West Kalimantan, Indonesia. Seminar on Challenges of Sustainable Development & Climate change in Indonesia , USU-KLH 2 Juni 2012
- **Prof.Dr. Ir. Arwin Sabar, MS**, Dr. Suharyanto, ST, MSc: Infrastructure Development of sustainable natural resource challenges facing climate change in Indonesia, Jakarta and surrounding Case, Seminar Challenges of Sustainable Development & Climate change in Indonesia, USU-KLH 2 Juni 2012

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

- Study of Raw Water, PDAM Banjar, 2012
- Pre Design of Main Transmission System for Water Distribution, PDAM Banyumas, 2011
- Study of Raw Water, PDAM Semarang, 2011
- Quick Identification: Study of Water Source Reliability Gesek River and Management of Pulau Reservoir Operation, Province of Riau Islands, 2010
- Experts Identify sources of raw water SPAM, PDAM in Indonesia 2008-2012
- Water Infrastructure Specialists and Drainage, Ministry of Public Works (2008-2011)