



<b>1. Personal Data</b>	
Name: Moh. Irsyad	Date and Place of Birth: May 24 <sup>th</sup> , 1957, Majalengka – Indonesia
Nationality: Indonesia	Gender: Male
Department, faculty, university: Environmental Engineering Department, Faculty of Civil & Environmental Engineering, Institut Teknologi Bandung	
Title of position held: Associate Professor	Address: JL. Ganesha No.10, Bandung 40132
Tel. +62 22 2502647 Fax. +62 22 2530704	

<b>2. Educational Qualifications</b>				
<b>2-1. Academic Qualification</b> (Repeat as necessary)				
1996: Magister Science of Chemistry, Bandung Institute of Technology 1987: Bachelor Degree, Faculty of Mathematics and Natural Science, Padjadjaran University (UNPAD).				
<b>2-2. Academic Experience</b>				
<ul style="list-style-type: none"> <li>• Technical Manager of Air Quality Laboratory ITB, 2007 – Present</li> <li>• Head of The Air Quality Laboratory ITB, 1996-2001</li> <li>• Analyst of The Water Quality Laboratory ITB, 1978-1989</li> <li>• Associate Professor, Environmental Engineering, ITB – Full Time</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>• Indonesian Society of Sanitary and Environmental Engineers, 1997-now</li> </ul>				
<b>2-6. Honors and Awards</b>				
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:

27 years experience in related field

Field of specialization:

Air Quality Monitoring

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

- Kania Dewi and **Moh Irsyad**, “*Development of Time Correction Factors for Measurement of TSP and PM10 Ambient Concentration in Complying Indonesian Air Quality Standard*”, The 5<sup>th</sup> Environmental Technology and Management Conference “Green Technology towards Sustainable Environment” November 23 - 24, 2015, Bandung, Indonesia.
- 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.
- Kania Dewi, Hafishul Khair & **Moh. Irsyad**, *Development of Green Pavement for Reducing Oxides of Nitrogen (Nox) in the Ambient Air*, The Second International Conference on Sustainable Infrastructure and Built Environment (SIBE 2013), 19-20 Nov 2013, Bandung, Indonesia.
- Ayunita, S., Driejana, **Irsyad, M**, 2013, Effect of Temperature on the Performance of Ozone Badge Passive Sampler in a Controlled Environment, 7th SEATUC Symposium, 4-6 Maret 2013, Bandung.

**Research Project Experiences:**

- Member, NH<sub>3</sub> measurement in Bandung Urban area by passive sampling , 2010
- Member, Using carbide waste ( CaCO<sub>3</sub>) as absorbent for SO<sub>2</sub> removal , research Division-ITB, 2009
- Member, Measurement of dioxin pollutant in cement stack , PT Indocement cases, Research Division , 2008
- Principle Investigator, Measurement of Emission Factor from Open-burning of garbage domestic , Research Division-ITB , 2006
- Principle Investigator, Identification and Evaluation of Garbage Management in Bandung City , Research Division –ITB , 2005

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

- 2011, Study of SO<sub>2</sub> emission in PT INCO Sorowako, Sulawesi Selatan, TK Alumni\_ LAPI ITB.
- 2011, Inventory emission for Green House Gases of Exploration and Production Petroleum in Prabumulih area, LAPI-ITB
- 2010, Supervisor of Monitoring air pollution station construction in Jakarta City
- 2010, Trainer for EPCM training in West Java: Collaboration BPLHD and FTSL-ITB
- 2009, Preparation of EPCM instruction manual in West Jawa, BPLHD – Jawa Barat,
- 2009, TOT for EPCM training in West Java, in Japan
- 2009, Inventory emission for Green House Gases of Petrochemical refinery in Tanjung area – South of Kalimantan