

## REFERENCES

- [1] E. Maulia, "Jakarta's Air Quality Takes a Toxic Turn for The Worse," 09 May 2014. [Online]. Available: <http://thejakartaglobe.beritasatu.com/news/jakarta/jakartas-air-quality-takes-toxic-turn-worse/>.
- [2] www.thenewecologist.com, "Environmental Statistics and the Consequences That Affect the Future of the Earth," 03 June 2011. [Online]. Available: <http://www.thenewecologist.com/2011/06/environmental-statistics/>.
- [3] F. Anjungroso, "88 Juta Orang Indonesia sudah Akses Internet," 26 March 2015. [Online]. Available: <http://www.tribunnews.com/techno/2015/03/26/88-juta-orang-indonesia-sudah-akses-internet>.
- [4] R. L. Mitchell, "4 things to do now to get ready for the Internet of Things," 21 April 2014. [Online]. Available: <http://www.computerworld.com/article/2488136/internet-4-things-to-do-now-to-get-ready-for-the-internet-of-things.html>.
- [5] "Habitat Monitoring on great duck island," [Online]. Available: [www.greatduckisland.net](http://www.greatduckisland.net).
- [6] T. Fountain, A. Bulut, P. Shin and H. Jasso, "Monitoring North Temperate Lakes Using Networked Sensors," San Diego Supercomputer Center, 2005.
- [7] W. Kates, "Robot Sensors may Protect Drinking Water," May 2004. [Online]. Available: [www.waterconserve.info/articles/reader.asp?linkid=31657](http://www.waterconserve.info/articles/reader.asp?linkid=31657).
- [8] M. Weiser, *The Computer for the Twenty-First Century*, America: Scientific American, 1991.
- [9] G. Barrenetxea, F. Ingelrest, G. Schaefer and M. Vetterli, "Wireless Sensor Networks for Environmental Monitoring: The SensorScope Experience".
- [10] I. Akyildiz, W. Su, Y. Sankarasubramaniam and E. Cayirci, *Wireless Sensor Networks: A Survey*, Computer Networks, 2002.
- [11] G. Xu, W. Shen and X. Wang, "Marine environment monitoring using Wireless Sensor Networks: A systematic review," *IEEE*, pp. 13-18, 2014.
- [12] W. Zhengzhong, L. Zilin, L. Jun and H. Xiaowei, "Wireless Sensor Networks for Living Environment Monitoring," *IEEE*, pp. 22-25, 2009.
- [13] W. Jing and L. Tingting, "Application of wireless sensor network in Yangtze River basin water environment monitoring," *IEEE*, pp. 5981-5985, 2015.
- [14] B. Hendradjaya and E. Hulu, "Tinjauan Penggunaan Jaringan Sensor Nirkabel untuk Pemantauan Gunung Api di Indonesia".
- [15] N. Rezki, M. Yusfi and D. Yendri, "RANCANG BANGUN PROTOTIPE PENGURANG BAHAYA GAS POLUTAN DALAM RUANGAN DENGAN METODE ELEKTROLISIS BERBASIS MIKROKONTROLER".
- [16] N. E. P. Council, "Review of the National Environment Protection (Ambient Air Quality) Measure," pp. 16-17, 2010.

- [17 RFA, "Ethanol Facts: Environment," March 2015. [Online]. Available:  
] <http://www.ethanolrfa.org/pages/ethanol-facts-environment>.
- [18 P. Schlyter, "Radiometry and photometry in astronomy," 18 March 2009.  
] [Online]. Available:  
<https://web.archive.org/web/20131207065000/http://stjarnhimlen.se/comp/radfaq.html#10>.
- [19 Arduino, "Arduino Mega 2560," 2014. [Online]. Available:  
] <http://arduino.cc/en/Main/arduinoBoardMega2560>.
- [20 P. Mag, "Definition of Wireless Router," [Online]. Available:  
] <http://www.pcmag.com/encyclopedia/term/54783/wireless-router>.
- [21 Free hosting tips, "How a web server works," [Online]. Available:  
] <http://www.freehostingtips.com/how-web-server-works.php>.
- [22 T. A. Hamidjoyo, "Monitoring Lingkungan Berbasis Web Dengan Menggunakan Jaringan Sensor Nirkabel," 2010.
- [23 I. M. E., B. Sugiarto and I. Sakti, "Rancang Bangun Sistem Monitoring Kualitas Udara Menggunakan Teknologi Wireless Sensor Network".



SWISS GERMAN UNIVERSITY