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***ICEEM/03 – ENVIRONMENTAL ENGINEERING  
SECTION***

***Water Supply and Wastewater Treatment***

**SENSOR NETWORKS IN WASTE WATER  
TREATMENT MONITORING**

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**Abstract**

This paper presents the architectures of wireless sensor networks integrated in a complex monitoring system for a waste water treatment plant. Presently is a very expressive trend to use wireless technology for smart sensor network communication. The measurement system avoids manual data storage and an Internet server assures remote access from a station with a Web browser.

*Keywords:* wireless communication, low-power microcontroller, web technologies, infrastructure sensor network, ad hoc network, ZigBee technology

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