

العنوان:	24/24 smart stations for monitoring sea coast or artificial water river
المصدر:	المؤتمر الثاني لعلوم البيئة
الناشر:	الجامعة الأسمرية للعلوم الإسلامية زليتن - كلية الموارد البحرية
المؤلف الرئيسي:	Zamit, Said M
محكمة:	نعم
التاريخ الميلادي:	2015
مكان انعقاد المؤتمر:	زليتن - ليبيا
رقم المؤتمر:	الثاني
الهيئة المسؤولة:	الجامعة الأسمرية للعلوم الإسلامية. كلية الموارد البحرية
الشهر:	ديسمبر
الصفحات:	805
رقم MD:	765990
نوع المحتوى:	بحوث المؤتمرات
قواعد المعلومات:	IslamicInfo, HumanIndex
مواضيع:	الأنهار الصناعية
رابط:	<a href="http://search.mandumah.com/Record/765990">http://search.mandumah.com/Record/765990</a>



## 24/24 smart stations for monitoring sea coast or artificial water river

Said M. Zamit<sup>1</sup>

<sup>1</sup> Biotechnology Research Center (BTRC), Libya. [said.zamit@btrc.ly](mailto:said.zamit@btrc.ly)

### Abstract

This is a new applied engineering study for the possibility to monitor huge distances of sea coast, or artificial river collecting water nodes against pollution in water quality by measuring network with biological early warning system, it is continuous and automated sea/water quality monitoring and thus makes an important contribution to the early detection of disasters or accidents as well as to the evaluation of hazard potentials. This system used for efficient control of automated sea/water quality, and continuous sea/water quality monitoring for twenty four hours analysis using smart stations connected over wireless computer network instead of old method of sample collection then lab analysis.

The functionality of the 100% web-based multi-tier-system comprises workflows for automatic sampling and quality assurance, the administration and control of equipment in the measuring stations, numerous options for data evaluation, illustration and export as well as a notification system.

**Keywords:** smart sensor, pollution, data network