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In this issue

Research Article

Open Access Research Article PTZAID:JCEES-2-111

Impacts of Meteorological Factors on Particulate Pollution: Design of Optimization Procedure

Published On: December 30, 2016 | Pages: 030 - 033

Author(s): Utkan Özdemir*

In this study, Taguchi L8 orthogonal array design was applied to determine the most polluted meteorological conditions in Kocaeli. Meteorological factors were decided as temperature, relative humidity and rainfall in two different levels. Larger is better function was applied for calculation of signal-to-noise ratios. ...

Abstract View Full Article View DOI: 10.17352/2455-488X.000011

Open Access Research Article PTZAID:JCEES-2-110

Land Use Change and Forest Fragmentation Analysis: A Geoinformatics Approach on Chunati Wildlife Sanctuary, Bangladesh

Published On: December 20, 2016 | Pages: 020 - 029

Author(s): Md Farhadur Rahman, Mohammed Jashimuddin, Kamrul Islam* and Tapan Kumar Nath

Geoinformatics approach is increasingly used to monitor land use change as well as forest fragmentation due to availability of Landsat satellite data. In Bangladesh many initiatives have been taken to prepare land use maps but forest fragmentation modelling is quite new. ...

Abstract View Full Article View DOI: 10.17352/2455-488X.000010

Open Access Research Article PTZAID:JCEES-2-108

Experimental Study of Impact of Foul Release with Low Surface Energy on Ship Resistance

Published On: December 16, 2015 | Pages: 005 - 010

Author(s): Kianejad SS*, Seif MS and Ansarifard N

The most widely applied marine antifouling's is Tributyl-Tin Self-Polishing Co-Polymers (TBT-SPC), which can keep a surface of ship free of fouling for 5 years by means of a steady release of the TBT toxin. Due to environmental side-effects related to TBT, the International Maritime Organization (IMO) decided in October 2001 to phase out the use of TBT-SPCs until 2008 ...

Abstract View | Full Article View | DOI: 10.17352/2455-488X.000008

Open Access Research Article PTZAID:JCEES-2-107

Evaluation the Compressive Strength in Concrete Structures Using the In-situ Test Methods

Published On: December 09, 2015 | Pages: 001 - 004

Author(s): Naser Kabashi*, Cene Krasniqi and Arton Dautaj

The new concrete Standards give rules for in situ checking if the hardened concrete in structure achieved the designed compressive strength according the request the class of concrete. Different concrete elements in structure request the different access during the examinations and different analytical analysis. Using the different examination methods will be the m ...

Abstract View | Full Article View | DOI: 10.17352/2455-488X.000007

Review Article

Open Access Review Article PTZAID:JCEES-2-109

Industrial Symbiosis: A Review on Uncovering Approaches, Opportunities, Barriers and Policies

Published On: April 07, 2016 | Pages: 011 - 019

Author(s): Md Farhadur Rahman, Kamrul Islam*, and Kazi Nazrul Islam

The industrial symbiosis (IS) has been becoming increasingly popular from last decade of last century because of its prospect towards safeguarding environment and reducing usage of virgin materials through recycling. After emergence of symbiotic network, industrial clusters followed different approaches and faced different difficulties at their uncovering stages. Some ...

Abstract View | Full Article View | DOI: 10.17352/2455-488X.000009