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. ...

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. ...

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