



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_11768
Title of the Manuscript:	Analysis of an SI epidemic model with nonlinear incidence rate in an environmentally-driven infectious disease
Type of the Article	Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	In page 6, there are some problem that authors prove stability of endemic equilibrium by Routh-Hurwitz criterion. They need to verify the other conditions.	We have added the other condition for the Routh-Hurwitz criterion.
<u>Minor</u> REVISION comments	The dynamic behaviours of coupling fast-slow system are different with that of the decoupling system. How to explain?	The dynamic behaviours of the coupling fast-slow system are different with that of the decoupling system. For the sake of mathematical simplicity, we assume the fast system will get to its stable state, so for the slow system, we can deal the variable $E(t)$ as a constant.
<u>Optional/General</u> comments	Accept after the modification	