



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_14961
Title of the Manuscript:	Discussion on using only one linear array to estimate the phase velocity of Rayleigh wave based on microtremor survey
Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	A new method of estimating the phase velocity of Rayleigh wave is proposed, and the availability is confirmed by both the numerical simulation and a field test. However, the difference between the numerical and experimental results should be analysed much more deeply.	In the numerical simulation, the wavefield is assumed and known. For the experimental one, the wavefield is unknown. It cannot perfectly be a stationary wavefield and may include other coherent noise, which is part of the possible reason to cause error to the estimation. I have added the description to the text. Please read it. (line 430-439)
<u>Optional/General</u> comments		