



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 (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	It is an interest subject and good organized manuscript with simplicity in presentation. This new method can't be generalized in this restricted conclusion. I think authors requiring to carry out more observations at different zones (site conditions) using broad band seismometers to avoid the restricted high frequency range around the natural period (2 Hz) of the used seismometers. This broad band seismometer gives availability to record a wide range of the ambient noise spectrum of different natural sources (wind, sea waves, ...).	1. Thank you for your comments. However, for engineering objective we are interested in, there is no need to use broad band seismometers. Moreover, in practical, the broad band seismometers behave quite unstable, which makes the records unconvincing. It is not a suitable sensor for my research. 2. In the future, we would like to do more observations in various zones with different site conditions to apply the proposed method, before a more comprehensive conclusion can be made. However, confined by limited time and budget, it is hard to conduct them in a short duration recently. I hope you would understand this.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		