



## SDI Review Form 1.6

### **PART 1:**

Journal Name:	<a href="#">Physical Review &amp; Research International</a>
Manuscript Number:	2013_PRRI_3697
Title of the Manuscript:	<b>Influence of Tectonic Faults on the Magadi Geothermal System: Evidences from Ground and Aeromagnetic Data</b>

**General guideline for Peer Review process is available in this link:**

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

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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### **PART 2:** 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)
<b><u>Compulsory</u></b> REVISION comments	<p>1- Figure 2 needs rearrangement ; part "a" beside part " b" and part "c" under part "a"</p> <p>2- Page 3; Blank area need to be deleted</p> <p>3- Page 4; before title "Geology of Lake Magadi" the blank area has to be deleted.</p> <p>4- The caption of Figure 3 need to move to proper location</p> <p>5- In figure 3 some common reference elements such as roads and major cities are required</p> <p>6- Legend of figure 5b should be more clear and visible</p> <p>7- Half of the pages 7 and 8 are in single column format</p> <p>8- Numbering of subtitles are not correct</p> <p>9- In Section " 2.2. Data Enhancements" the "minimum curvature gridding method" has to be described or referenced.</p> <p>10- In figure 6 the "Magnetic profiles" and "Inferred faults" have to be draw with different symbols</p> <p>11- Paragraph after equation 2 is in single column format</p> <p>12- Quality of figure 9 in very low and left boundary line is missing</p>	<p>Ok, done</p> <p>Done</p> <p>Done</p> <p>Done</p> <p>Done</p> <p>5. No major cities within the Lake Magadi area, its more of rift-basin desert with various geodynamic expressions. The road and river maps are not available.</p> <p>6. ok</p> <p>7. done</p> <p>Corrected</p> <p>done</p> <p>done</p>
<b><u>Minor</u></b> REVISION comments	<p>13- Correlation of the inferred faults with field based mapped faults is required</p>	



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	<p><b>14- The correlation result of ground magnetic and aeromagnetic inferred lineament can be very helpful</b></p> <p><b>15- It has concluded that the area is acting as an up flow zone. Is there any other reason to confirm this argument?</b></p>	<p>It has been confirmed by Komolafe et al., 2012, cited in the paper.</p>
<b><u>Optional/General</u></b> comments		