

**Response to referee #1**

**Manuscript Number: nhess-2014-3**

**Title: Spatiotemporal Multifractal Characteristics of Electromagnetic Radiation in Response to Deep Coal Rock Bursts**

**Submitted to Natural Hazards and Earth System Sciences**

On behalf of my co-authors, I thank you for your comments on our manuscript entitled ‘**Spatiotemporal Multifractal Characteristics of Electromagnetic Radiation in Response to Deep Coal Rock Bursts**’(Manuscript Number:nhess-2014-3). These comments are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our researches. We have studied the comments carefully and have made corrections, which we hope meet with approval. Revised portions are marked in red in the paper. The main corrections in the paper and the responses to the comments are as follows.

We hope with these revision, our manuscript can be accepted to publish in the **Natural Hazards and Earth System Sciences**.

Sincerely yours,  
WANG Enyuan

**Comments:**

Completing the second review round the authors have completed all the required am-mendments in the text. Only minor grammatical and technical issues should be solved before proceeding to publishing. Some laguage polishing is required. The authors should also take care the analysis of the figures in order to be more clear. It is re-comended for the authors to avoid using the huge mark points of the figures 8, 9 and 10. The X-axis of Figure 5, 6 and 7 is not clearly devided. Figes 8, 9 and 10 have no X- axis, while the labes and units of the axis of figure 11 are meshed (e.g. "Load (kN)" could replace the "load/kN" label)

**Response:**

Thank you very much for your precious opinion, according to your request, we have revised the paper carefully. Specific changes can refer to the manuscript.