*Dear Editor/Dear reviewers,*

*First of all, the authors would like to thank the reviewers for comments and suggestions. All the questions made us revising the paper and obtaining a more complete form of our work, and we are very grateful for your suggestions. In this document the answers follow your remarks and appropriate changes were made in the manuscript and are now in another color to be easier to find.*

The reviewer comments on the manuscript:

Thank you for replying to my comments. I regret that some of your answers

are in additional file, not in the paper. Please define in the paper

following used terms:

• the surface deterioration level;

• the surface degradation level;

• the overall surface destruction share;

The suggestions of the reviewer are accepted, the text is added in the paper and marked in blue.