

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_109668
Title of the Manuscript:	Review of research status of subgrade disease classification methods
Type of the Article	Review Article

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Could be Improved</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>yes</p>	
<p>Optional/General comments</p>	<p>Strengths of the manuscript:</p> <p>Comprehensive analysis: The manuscript provides a comprehensive analysis of subgrade disease classification methods. It covers various factors such as topography, geological structure, formation lithology, meteorology, hydrology, and human activities, providing a holistic understanding of the subject matter.</p> <p>Clear organization: The manuscript is well-organized with distinct sections that introduce the topic, define subgrade diseases, analyze their formation and breeding conditions, and review existing classification methods. This structure helps readers navigate through the content easily.</p> <p>Inclusion of research status: The manuscript reviews the research status of classification methods for both slope diseases and subgrade subsidence and collapse diseases. This inclusion of current research provides valuable insights into the existing knowledge and helps identify gaps for further improvement.</p> <p>Weaknesses of the manuscript:</p> <p>Lack of specific examples: While the manuscript provides a theoretical overview of subgrade diseases and classification methods, it lacks specific examples or case studies to illustrate the concepts discussed. Including real-world examples would enhance the practical relevance and understanding of the topic.</p> <p>Absence of comparative analysis: The manuscript does not include a comparative analysis of different classification methods or evaluate their effectiveness. A comparative analysis could</p>	

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	<p>highlight the strengths and weaknesses of each method and guide readers in choosing the most suitable approach for their specific needs.</p> <p>Limited discussion on prevention and control: Although the manuscript states that the reviewed classification methods will provide guidance for prevention and control of subgrade diseases, it lacks a detailed discussion on practical prevention and control strategies. Including recommendations or suggestions for practical implementation would enhance the applicability of the research.</p> <p>Key improvements:</p> <p>Incorporate case studies: Including case studies of subgrade diseases and their classification would provide practical examples to support the theoretical concepts discussed. Real-world examples can help readers grasp the complexities and challenges associated with subgrade diseases.</p> <p>Comparative analysis of classification methods: Conducting a comparative analysis of different classification methods would enable readers to understand their strengths and weaknesses in relation to each other. This analysis could also highlight the most effective and efficient methods for subgrade disease classification.</p> <p>Expand on prevention and control strategies: Provide a more detailed discussion on prevention and control measures for subgrade diseases. This could include recommendations for design considerations, construction techniques, monitoring systems, and maintenance practices to mitigate the occurrence and impact of subgrade diseases.</p> <p>Incorporate recent research: Since the manuscript's knowledge cutoff is in September 2021, it would be beneficial to incorporate any relevant research or developments in subgrade disease classification methods that have emerged since then. This would ensure the manuscript reflects the most up-to-date information in the field.</p>	
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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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