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## NEW METHOD FOR THE EVALUATION OF *Lolium perenne* L. VEGETATION EFFECTS ON THE SLOPE PROTECTION OF ECOTYPE RIVERSIDE HIGHWAY

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### Abstract

With the thought of environmental protection deeply rooted in people's hearts, people pay more and more attention to plant ecological protection of highway slope. However, at present, because there is no unified and highly recognized evaluation system index for the evaluation of vegetation protection effect of highway slope, the overall evaluation results are unsatisfactory. In order to improve this situation, the *Lolium perenne* L. vegetation was designed as the research object, and the evaluation method of the protection effect of *Lolium perenne* L. vegetation was put forward for the ecological riverside highway. The method consists of two parts. The first part is experimental, dedicated to the determination of some indexes. The design takes the ecological protection, the slope protection function and the landscape effect as the core, puts forward several indexes and constructs a perfect aggregated index system. The second part is the analysis part. The core of the method is the fuzzy comprehensive evaluation based on AHP, and puts forward the analysis by constructing the index weight formula to complete the evaluation of protection effect. The example proves that the method has higher data aggregation and evaluation factors, and the evaluation results are more objective and scientific. This method deserves further promotion.

*Key words:* riverside highway, slope *Lolium perenne* L.

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