

A Research Review of Cycling Suitability Assessment for Mountainous Cities

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Abstract : This paper begins with the deconstruction of the localization of China's bicycle renaissance. Then think about how to scientifically plan bicycle traffic in a sustainable way in typed cities, especially in mountainous cities, because they need to respond to more serious geographical issues. Therefore, by sorting out the international research on bicycle traffic in mountainous cities, bike-ability is summarized as a prevalent qualitative analysis medium. Then this paper lists the influencing factors of likeability, the general research framework, and responds to the common problem of mountain cities, that is, the treatment of road longitudinal slopes, to assist urban managers in assessing whether the city's complex terrain is suitable for cycling and identifying possible improvements.

Keywords : traffic planning, bikeability, cycling suitability, mountainous cities

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