

Dear Ms. Roben Penny,

I am very glad to get the information about this conference. I hope I have a chance to attend this conference and exchange the ideas of academic results. In this case, I would like to send my abstracts named Study on the Aeolian Sand Damage to the Tarim Desert Highway, China to you. If my paper will be received by the conference, please let me know as soon as possible.

By the way, we have an international conference (DESERT TECHNOLOGY VI) which will be held in Urumqi, Xinjiang, China on September 16-24, 2001. The theme of the conference is Ecological Construction, Environmental Protection and Regional Development in Arid Land. We welcome you and your colleagues to attend this conference in China. If you are interested in DESERT TECHNOLOGY VI, I will send more information about it. The e-mail of DESERT TECHNOLOGY VI is [dt6@ms.xjb.ac.cn](mailto:dt6@ms.xjb.ac.cn). You can also find out some information on the site <http://159.226.135.250/dt6.htm>

Now the abstract of my paper is as follows.

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## Study on the Aeolian Sand Damage to the Tarim Desert Highway, China

Lei Jiaqiang

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Abstract: The Tarim Desert Highway, the longest one to cross the desert in the world, has a length of 518 kilometers, 446 kilometers of which runs into the Taklamakan Desert from north to south. The shelter system, consisting of blocking and stabilizing sand measures with dry reeds, has been set up along the road in order to protect the road from being buried by sands. Under the action of the strong winds, however, the aeolian sand damage is seriously imperiling the road transportation, such as the erosion and deposition of the shelter system and the road. 2-year's monitoring work shows that the aeolian sand damage to the shelter system has developed at a high speed and the shifting sands have intruded into the road in some sections. In this case, the factors causing aeolian sand damage to the road, such as winds, aeolian landforms, sand sources, the trends of the road and so on, have been analyzed and the protecting countermeasures have been put forward.

INTERESTING - 6

Lei

INFORMATIVE - 5

16

PRACTICAL - 5

REALISTIC

USEFUL.

Lei