

## Study on Soil and Water Loss Characteristic of the Railway Construction in Mountain Area

BAIMing-zhou, XUZhao-yi, HUOYu-hua, DONGYong

School of Civil Engineering and Architecture of Beijing JiaoTong University, Beijing 100044, China; Personnel Division of the First Railway Survey &

收稿日期 修回日期 网络版发布日期 接受日期

**摘要** The factor of human projectactivity is often the immediate cause resulting in soil and water loss. The Baoji-Lanzhou second railway in construction is an example. The soil and water loss law caused by earth and stone mountain railway engineering construction in the northwestern China is studied systematically and that caused possibly by the road bed project, the road moat project, the field project, the tunnel project and the service road project in construction is probed. At the same time, the type, the intensity and influencing factor of soil and water loss in the northwest mountain railway construction are also studied.

**关键词** [Mountain railway; Soil and water loss; Characteristic.](#)

**分类号** [P642.2](#)

**DOI:**

通讯作者:

作者个人主页: [BAIMing-zhou](#); [XUZhao-yi](#); [HUOYu-hua](#); [DONGYong](#)

### 扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF](#) (138KB)
- ▶ [\[HTML全文\]](#) (0KB)
- ▶ [参考文献\[PDF\]](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [引用本文](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中 包含“Mountain railway; Soil and water loss; Characteristic.” 的 相关文章](#)
- ▶ 本文作者相关文章

- [BAIMing-zhou](#)
- [XUZhao-yi](#)
- [HUOYu-hua](#)
- [DONGYong](#)