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Altri autori (Persone)	YangWenjun
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Lingua di pubblicazione	Inglese
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Nota di contenuto	Introduction -- Hydrologic analysis of Tangjiashan barrier lake area -- Geological characteristics of Tangjiashan barrier lake area -- Outburst flood evolution analysis of Tangjiashan barrier lake -- Study on the anti-impact stability of discontinuous wide graded mixture of weir body -- Study on the emergency danger elimination plan of Tangjiashan barrier lake -- Construction of Tangjiashan barrier lake emergency danger elimination project -- Emergency monitoring and assurance system -- Evaluation of the discharge process of lake water and the effect of risk removal.
Sommario/riassunto	This book introduces emergency management of barrier lakes systematically, including theories and practices, risk assessment under extremely high-risk conditions, evolution of outburst floods, analysis

of anti-impact stability, and emergency management technology and assessment of risk elimination effect. It takes the Tangjiashan barrier lake as a successful case study to illustrate effective treatment of barrier lake with high risks, poor environmental conditions, extremely urgent rescue time and high disposal difficulties. It retains a large number of images and data of great research value for the lake risk assessment and building technological emergency system. It provides a reliable reference for the government, scientific researchers and survey and design team to deal with the sudden natural disaster in barrier lakes, especially caused by huge earthquake.
