単偏波の高分解能SAR画像による河道閉塞箇所判読調査手法(案)

水野正樹* 神山嬢子** 江川真史*** 佐藤匠**** 蒲原潤一***** 林真一郎**

Method of emergency search for the location of landslide dams using high-resolution single-polarization SAR image interpretation

Masaki MIZUNO*, Joko KAMIYAMA**, Masafumi EKAWA***, Takumi SATOU****, Junichi KANBARA*****, Shin-ichiro HAYASHI**

概要

本資料は、夜間や悪天候でも観測可能なSAR衛星の単偏波高分解能SAR画像の判読による、 災害時の大規模河道閉塞の緊急な探索調査の手法についてとりまとめたものである。

キーワード:河道閉塞、衛星SAR画像、単偏波、崩壊地判読

Synopsis

The SAR satellite can observe in cloudy weather and the night.

This technical note describes the method of emergency search for the location of landslide dams using high-resolution single-polarization SAR image interpretation at the time of disaster.

Key Words: landslide dam, SAR satellite imagery, single-polarization, emergency search

砂防研究室主任研究官

** 砂防研究室研究官

*** 砂防研究室部外研究員

**** 砂防研究室前部外研究員

***** 砂防研究室長

Senior Researcher ,Erosion and Sediment Control Division

Researcher , Erosion and Sediment Control Division

Guest Research Engineer , Erosion and Sediment Control Division

Former Guest Research Engineer ,Erosion and Sediment Control Division

Head ,Erosion and Sediment Control Division