DEBRIS-FLOW HAZARDS MITIGATION: Mechanics, Monitoring, Modeling, and Assessment

Edited by
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DEBRIS-FLOW HAZARDS MITIGATION: Mechanics, Monitoring, Modeling, and Assessment

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Preface

The Seventh International Conference on Debris-Flow Hazards Mitigation was held in Golden, Colorado June 10-13, 2019. The major objective of the conference was to provide a forum for international researchers, engineers, and policy makers to exchange ideas and promote communication to advance the scientific understanding of debris-flow hazards as well as approaches to assess and mitigate debris-flow risk to infrastructure and people. The conference agenda consisted of 14 keynote presentations, 38 shorter oral presentations, and 86 poster presentations. The conference sessions were preceded by a 1-day field trip to examine 2013 debris flows in Rocky Mountain National Park and followed by a 2-day field trip to the Chalk Cliffs debris-flow monitoring basin near Nathrop, Colorado.

This proceedings volume contains 134 papers from 17 countries that accompanied all three types of presentations. All papers underwent peer review, with each paper receiving at least one technical and one editorial review, and most receiving two technical and two editorial reviews. We acknowledge the critical role that reviewers played in assuring the high-quality of papers in this volume. Reviewer names and affiliations are given on the following pages.

Many people contributed to the success of the conference. The International Organizing Committee provided guidance to the Local Organizing Committee throughout the multi-year preparation period leading up the conference, as well as assisting with the review process and by serving as session moderators during the conference. The Colorado School of Mines Continuing and Professional Education Services group, led by Melody Francisco and including Becca Guillen, Jennifer Graser, and Andy Ledford, managed the massive job of creating and updating the conference website, corresponding with authors and attendees, wrangling manuscript submission and review logistics, and organizing meeting rooms, housing, and food arrangements for the conference. Emily Bongiovanni, the Colorado School of Mines Scholarly Communications Librarian, assured that this volume was posted on the Mountain Scholar website. Several organizations provided sponsorship through financial support. Their names are provided on the following pages. Our profound thanks goes out to all of these individuals and groups.

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