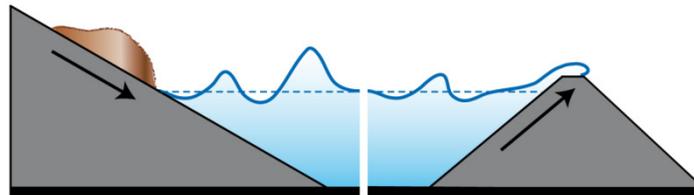


Landslide generated impulse waves

An introduction into a generic hazard assessment methodology

Short course at 35th IAHR World Congress in Chengdu, China

Sunday, 8th September 2013



Programme

Introduction

- 09:30 Welcome, *Dr V. Heller, Imperial College London*
09:35 Introduction into landslide generated impulse waves, *Prof W.H. Hager and Prof R.M. Boes, VAW, ETH Zurich*

Generic hazard assessment methodology

- 10:15 Introduction into VAW Manual, *Dr V. Heller*
11:00 *Short break*
11:15 Case study: Lake Lucerne, *Dr H. Fuchs, VAW, ETH Zurich*
11:45 Introduction into example, *Dr V. Heller*
12:00 Exercise: application of spread sheets on example, *Dr V. Heller with support of other presenters*
12:30 *Lunch break at Kehuayuan Restaurant*
13:20 *Visit of State Key Laboratory of Hydraulics and Mountain River Engineering (optional)*

Generic research conducted since release of VAW Manual

- 14:00 Underwater deposition of landslide material, *Prof W.H. Hager*
14:25 Effects of slide type and reservoir geometry, *Dr V. Heller*
14:50 Impulse wave induced overland flow, *Dr H. Fuchs*
15:15 *Short break*

Alternative approaches to VAW Manual

- 15:30 Numerical modelling of landslide-generated tsunamis, *Dr B. Rogers, The University of Manchester*
16:15 Prototype specific physical model study of Kühtai reservoir, *Prof R.M. Boes*
16:45 Sum up and questions, *Dr V. Heller*
17:00 *End of short course*