Welcome to:

7th Swiss Users Meeting

&

2st International Users Meeting

of

BASEMENT Software

Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie

Meeting Program

- Contributions:

  - from country: Madagaskar, Italy, Switzerland

  - from users: 8

  - from development team: 2

  - from gender: 2 female, 8 male

- Sessions:

  - River restoration and hydropower

  - Flood risk assessment and management

  - News from the BASEMENT team

Meeting Program - Morning

Welcome and Introduction

09:15	-	09:25	Welcome address	Robert Boes, Davood Farshi
09:25	-	09:45	Current and future developments	David Vetsch
09:45	-	10:00	Coffee break	

Session 1 - River restoration and hydropower

10:00	-	10:30	Flow study on the Ambatolaona river (Madagascar) for tidal power generation	Nirilalaina Randriatefison
10:30	-	11:00	Einsatz von Basement bei der Grundwassermodellierung im Rahmen von Flussrevitalisierungsprojekten	Michael Ballmer
11:00	-	11:30	Suspended load modelling in revitalization projects: case study on Alpine Rhine river (Switzerland)	Benjamin Hohermuth, Andris Wyss, David Vetsch
11:30	-	11:45	Survey, questions and discussion	everyone
11:45	-	13:00	Lunch break	

Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie

Meeting Program - Afternoon

Session 2 - Flood risk assessment and management

13:00 - 13:30	flooddynamics.ch – Spatiotemporal dynamics of extreme flood events in Switzerland		Markus Mosimann
13:30 - 14:00	Event-based model calibration, design of hydraulic hazard mitigation measures using 2D simulations with bedload transport and validation with physical model: case study on Sesto River (Italy)		Nicola Groff, Silvia Simoni
14:00 - 14:30	Primary and secondary risks of landslide outburst floods		Yunjian Gao
14:30 - 14:45	Coffee break		
14:45 - 15:30	Gefahren- und Risikoanalyse entlang der Aare (Schweiz) unter einem sich verändernden Klima		Mattia Brughelli, Matthias Pfäffli
15:30 - 16:00	Pumping effect on water depth of a low gradient ditch during extreme rainfall events: case study on Porzen ditch, Etsch river (Italy)		Francesca Minute, Silvia Simoni

Session 3 - News from the BASEMENT team

16:00 - 16:30	BASEchange - new channel generator		Leonhard Seidelmann
16:30 - 17:00	Dam breach modelling		Matthew Halso
17:00 - 17:10	Summary		David Vetsch, Davood Farshi

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Meeting Rules

- Language: English (however, voluntary translators are welcome)

- Contributors:

    - share your presentation (using full screen if possible)

    - try to keep time limit (max. 20 min presentation)

- Audience:

    - mute your microphone, except you want to say something

    - during presentations: post questions in chat

    - participate in discussion

This meeting is NOT recorded

Many thanks to:

all contributors

BASEMENT team and OST team

Swiss Federal Office for Environment (FOEN)

Thank you for participating - enjoy the meeting!