

# Sediment Bypass Tunnels

May 9-12

**2017**

Kyoto-Japan



## 2<sup>nd</sup> Announcement

### Organizer



### Sponsors

国土交通省  
Ministry of Land, Infrastructure, Transport and Tourism

Nagano Prefecture

### Co-Organizers



## Workshop Statement

Sediment bypass tunnels (SBT) are hydraulic structures that gain worldwide importance as a measure to counter reservoir sedimentation. Sediments are bypassed around a dam to the tailwater reach reducing sediment aggradation in the reservoir on the one hand and allowing for re-establishing sediment continuity on the other. The latter is more and more aimed at from an ecological point of view since river bed erosion downstream of the dam is decelerated along with an increase of morphological and ecological variability.

The 1<sup>st</sup> IWSBT in April 2015 hosted by the Laboratory of Hydraulics, Hydrology and Glaciology at ETH Zurich, Switzerland, was a great success with 89 participants from 12 countries gathering to exchange and discuss latest research findings and experiences.

We joyously invite you to participate at the 2<sup>nd</sup> IWSBT taking place in Kyoto, Japan, to further discuss newest SBT-related topics. A 1.5 day workshop will be held at Kyoto University, Uji Campus, accompanied by a 2 day field trip to Nagano Prefecture to visit the Miwa, Koshibu and Matsukawa sediment bypass tunnels.

The workshop encompasses keynotes, oral presentations, poster sessions and sound discussions.

We look forward to seeing you in Kyoto!

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Tetsuya Sumi

in name of the Organizing Committee

## Themes & Prices

### Themes

We kindly invite you to submit your abstract on one of the following topics:

#### A Upstream Aspects

A.1 Hydrology

A.2 Sediment Erosion & Inflow

#### B Tunnel

B.1 Hydraulics & Sediment Transport

B.2 Planning & Design

B.3 Tunnel & Inlet Works

B.4 Invert Abrasion

B.5 Maintenance

#### C Downstream Aspects

C.1 Morphological Changes

C.2 Ecological Effects

#### D Operation

D.1 Monitoring & Instrumentation

D.2 Real-time Operation

### Prices

#### Workshop fee

10.000 JPY

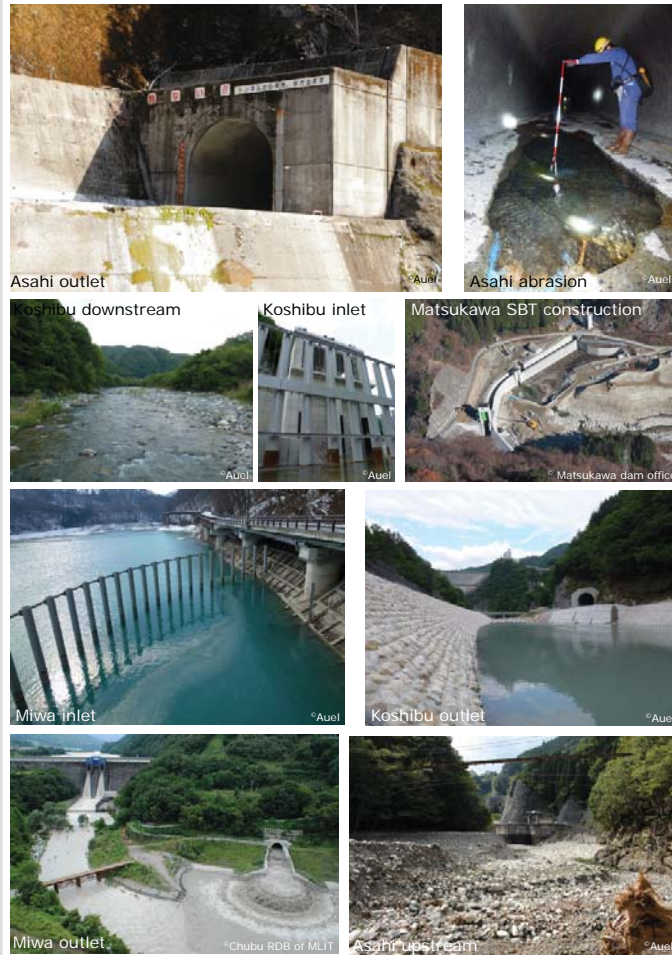
incl. Welcome Reception & 2× Lunch

#### Study Tour

45.000 JPY

incl. 2× Hotel, Dinner & Lunch

The tour is limited to 40 participants on a *first come - first serve* basis.



## Important Dates

Abstract submission	16 December 2016
Full paper/Extended abstract	28 February 2017
Workshop 1.5 days	9-10 May 2017
Study Tour 2 days	10-12 May 2017

Both, full papers and extended abstracts are accepted:

Extended abstracts:	max. 4 pages
Full paper:	max. 8 pages

## Tuesday, 9<sup>th</sup> May 2017

Keynote by Dr. George W. Annandale

Topic A

Lunch & Poster Session

Topic B

Topic C

Welcome Reception

## Wednesday, 10<sup>th</sup> May 2017

Topic C

Topic D

Lunch & Poster Session

Topic D

Move to Hirugami Hot Spa (Onsen), Nagano Prefecture

Dinner

## Thursday, 11<sup>th</sup> May 2017

*Morning*

Visit Matsukawa SBT

Lunch

*Afternoon*

Visit Koshibu SBT

Stay at Ina, Nagano Prefecture

Dinner

## Friday, 12<sup>th</sup> May 2017

*Morning*

Sediment control works (Sabo Dams) at upper Tenryu River

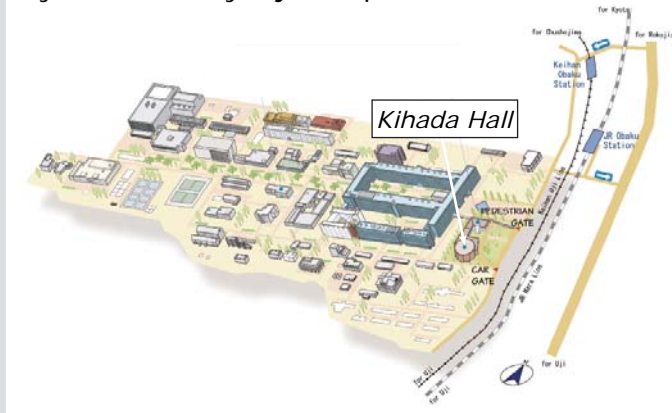
Visit Miwa SBT

Lunch

*Afternoon*

Return to Kyoto or Tokyo

The Workshop takes place at:  
Kyoto University, Uji Campus, Kihada Hall



## Contact

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## Web

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## Organizing Committee

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