

## 2. プログラム

## 2. Program





# The Second International Workshop on Water and Sediment Management

**Ministry of Public Works, Indonesia**

**Japan Science and Technology Agency**

**University of Yamanashi, 21<sup>st</sup> Century COE Program**

**National Institute for Land and Infrastructure Management**

**Jasa Tirta I Public Corporation**

**November 22-23, 2007**

**Hotel Santika, Malang, E. Java, Indonesia**

## *Program*

*Day 1 - Thursday Nov, 22 2007 (Majapahit I Room)*

11:30-13:00; Registration and Lunch

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### **Opening Remarks;**

13:00-13:15; Opening Remarks 1

*Mr. Tjoek(Jasa Tirta I Public Corporation)*

13:15-13:30; Opening Remarks 2

*Prof. Dr. Kengo Sunada (University of Yamanashi)*

### **Session 1 Crisis Management and Reducing Risk from Disasters in Indonesia**

*Session chair; Prof. Dr. Hajime Nakagawa (DPRI – Kyoto University)*

13:30-14:00; Countermeasures for Erosion and Sedimentation Problem in Upper reach of Brantas and River bed Degradation in Middle Reach of Brantas and Porong

*Mr.Sugiyando(Brantas River Office, Ministry of Public Works)*

14:00-14:30; Structural measures of sediment management in Mt.Merapi area

*Mr.Chandra Hassan(Research Institute for Water Resources)*

14:30-15:00; Study on Estimation of Mesoscale Maximum Precipitation In Brantas River Basin by Using Rainfall Observation and Numerical Simulation

*Dr. Satoru Oishi (University of Yamanashi)*

15:00-15:30; Discussion

– Tea Break (30 minutes) –

**Session 2 Histories of Developments , Land Use Changing along the Brantas River Basin.**

*Session Chair: Mr. Leimond (Jasa Tirta 1 Public Cooperation)*

16:00-16:30; Rainfall and Sediment runoff in the Lesti River Basin,  
Tributary of the Brantas River, Indonesia

*Prof. Hajime Nakagawa (Disaster Prevention  
Research Institute, Kyoto University)*

16:30-17:00; Watershed Management in Brantas river basin

*Mr.Eddy (Brantas Watershed Management Agency (BP-DAS  
Brantas), Ministry of Forestry)*

17:00-17:30; River Basin Development and Its Impact to Sediment Balance  
in the Basin Case Study: the Brantas River Basin

*Mr.Ir.Harianto,Indonesia(Jasa Tirta I Public Corporation)*

17:30-18:00; Discussion

– Welcome Dinner at Tera Kota Restaurant, Santika Hotel (19:00 – finish) –

***Day 2 - Friday, Nov, 23, 2007 (Lontar II Room)***

09:00-09:05; Opening Remarks of 2<sup>nd</sup> day

*Mr. Widago(Director General of Water Resources, Ministry of Public Works)*

**Session 3 Sediment Transportation, and Its Control in the Brantas River Basin**

*Session Chair; Prof. Tetsuya SUMI (Kyoto University)*

09:05-09:30; Management of Disaster Related To Water Resources

*Mr. Widagdo (Ministry of Public Works)*

09:30-10:00; Assessing the sediment sources of deposited sediment in reservoirs using sediment tracer techniques

*Dr. Yuichi Onda (University of Tsukuba)*

10:00-10:30; The assessment of sediment sources at Sengguruh reservoir by X-ray diffraction(XRD) technique

*Dr. Dian Sisanggih (University of Yamanashi)*

10:30-11.00; Discussion

– Lunch and Friday Praying time for Muslim –

#### **Session 4 Sediment Yield and Sedimentation in Reservoirs**

Session Chair: Dr. Dian Sisingsih (University of Yamanashi)

13:30-14:00; Countermeasures for Sedimentation in Wonogiri Multipurpose Dam Reservoir

*Mr. Ir. Aunur Rofiq (Bengawan Solo Large River Basin Unit)*

14:00-14:30; Estimating sediment volume into Brantas River after eruption of Kelud volcano on 1990

*Mr. Takeshi Shimizu (National Institute for Land and Infrastructure Management)*

14:30-15:00; A Bed-Porosity Variation Model - as a tool for integrated sediment management-

*Prof. Masaharu Fujita (DPRI, Kyoto University)*

15:00-15:30; Reservoir Sediment Management Measures in Japan and those appropriate selection strategy

*Dr. Tetsuya Sumi (Kyoto University)*

15:30-16.00; Discussion

– Tea Break (30 minutes) –

#### **Session 5: General Discussion about Brantas River Basin and Integrated River Basin Management**

16:30-17:00; *Session Chair: Prof. Kengo Sunada (University of Yamanashi)*

#### **Closing Remark;**

17:00-17:10; Closing Remark

- *Mr. Shozo KOGA (National Institute for Land and Infrastructure Management)*
- *Mr. Ir. Harianto (Jasa Tirta I Public Corporation)*

**Closing at 17:10**