# ACADEMIC SHORT CV



# NAME: MUTO Yasunori

## CURRENT POSION: Professor of Hydraulic Engineering

## Academic Qualifications:

- 1997 Ph.D Hydraulic Engineering, University of Bradford (UK)
- 1992 M.Eng. Transportation Engineering, Kyoto University
- 1989 B.Eng. Transportation Engineering, Kyoto University

## Membership and Committees:

- 1995 Japan Society for Natural Disaster Science
- 1994 International Association for Hydro-Environmental Engineering and Research
- 1989 Japan Society of Civil Engineering

#### Present and recent interests of research:

• Flow and Fluvial Processes on Disaster Mitigation and Environment Restoration

## **Research Publications:**

#### **Refereed Journal Articles:**

- Takeyama, Y., Ohsawa, T., Yamashita, T., Kozai, K., Muto, Y., Baba, Y. and Kawaguchi, K.: Estimation of offshore wind resources in coastal waters off Shirahama using ENVISAT Advanced SAR images, Remote Sensing, 2013.
- Zhang, H., Muto, Y., Nakagawa, H., and Nakanishi, S.: Weir removal and its influence on hydro-morphological features of upstream channel, J. of JSCE, Ser. A2 (Applied Mechanics), Vol.68, No.2, pp.591-599, 2012.
- Tsubaki, R., Kawahara, Y., Muto, Y. and Fujita, I.: Extraction of river flow structure using randomly-measured acoustic Doppler velocity data, Water Resources Research, 2012.
- Muto, Y., Kitamura, K., Baba, Y. and Nakagawa, H: Velocity measurements in a river with a series of groynes by a ship-mounted ADCP, J. Hydroscience and Hydraulic Engineering, Vol.25, pp.145-155, 2006.
- Shiono, K., Muto, Y., Knight, D.W. and Hyde, A.F.L.: Energy losses due to secondary flow and turbulence in meandering channel for overbank flows, J. Hydr. Res., IAHR, Vol.37, No.5, pp.641-664, 1999.
- Shiono, K. and Muto, Y.: Complex flow mechanisms in compound meandering channels with overbank flow, J. Fluid Mech., Vol.376, pp.221-261, 1998.

## Papers in Refereed Conference Proceedings:

- Muto, Y., Hayashida, H. and Tamura, T.: Sediment Discharge Measurements in a Dam Reservoir by Means of Detailed Bed Profile Measurements, ISRS2013, Kyoto, Japan, 2013.9.
- Muto, Y., Sumida, H. and Tamura, T.: An Experimental Study on Bed Evolution around Partially Removed Falling Works, IAHR2013, Chengdu, China, 2013.9.