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## 大石 哲 (おおいし さとる)

理化学研究所 計算科学研究機構  
総合防災・減災研究ユニット ユニットリーダー  
神戸大学大学院 工学研究科・工学部 教授

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### Academic history

B.E. Dept. Civil Engineering, Kyoto University, 1991

M.E. Kyoto University, 1993.

Dr of Engineering, Kyoto University, 1998.

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### Working history

1993-1999 Research Associate, Kyoto University

in 1998 Short Term Visiting Researcher in National Center for Atmospheric Research (NCAR), USA

2000-2009 Associate Professor, Yamanashi University

2009 - present Professor, Kobe University

2017 - present Research Unit Leader, RIKEN AICS

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### Honors

2014: Best Poster Award in Annual Congress of Japan Society of Hydrology and Water Resources

2008: Best Research Team Award in The Geodetic Society of Japan.

2000: Best Poster Award in Annual Congress of Japan Society of Hydrology and Water Resources

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### Activity

2014 - present: Vice Chair of IAHR Water Resources Leading Team

2010 - 2014: Committee Member of Japan Society of Hydrology and Water Resources

2003 - present: Committee Member of Hydraulic Engineering Division, Japan Society of Civil Engineers



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### **Selected Papers**

Magfira Syarifuddin, Satoru Oishi, Djoko Legono, Ratih Indri Hapsari, Masato Iguchi, Integrating X-MP radar data to estimate rainfall induced debris flow in the Merapi volcanic area, *Advances in Water Resources* 110 (2017) 249-262

Satoru Oishi, Masahiro Iida, Masahide Muranishi, Mariko Ogawa, Ratih Indri Hapsari and Masato Iguchi, Mechanism of Volcanic Tephra Falling Detected by X-Band Multi-Parameter Radar, *Journal of Disaster Research*, Vol.11, No.1, pp.43-52, 2016

M. Ogawa, S. Oishi, K. Yamaguchi, E. Nakakita, Quantitative Parametric Approach to Estimating Snowflake Size Distributions Using an Optical Sensing Disdrometer, *SOLA*, 2015, Vol.11, 134-137, doi:10.2151/201a.2015-031