

## Curriculum Vitae

### **Norikazu Shimizu**

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### **Education**

1992 DR. ENG., Kobe University  
1981 MS., Department of Civil Engineering, Graduate School of Engineering, Kobe University  
1979 BCE., Department of Civil Engineering, Faculty of Engineering, Kobe University

### **Professional Career in University**

2017- Present Deputy Director, Center of Research and Application of Satellite Remote Sensing  
2012-2014 Special Advisor to the Dean of Faculty of Engineering, Yamaguchi University  
2010-2012 Vice-Dean, Faculty of Engineering, Yamaguchi University  
2007-2009 Head of Department, Civil and Environmental Engineering, Yamaguchi University  
2003-2007 Director, Collaborative Research Center, Yamaguchi University  
2001-2002 Head of Department, Civil and Environmental Engineering, Yamaguchi University  
2000- Present Professor, Yamaguchi University  
1995-1996 Visiting Scholar, Geomechanics Research Centre, Laurentian University, Ontario, Canada  
1992-2000 Associate Professor, Yamaguchi University  
1981-1992 Research Associate, Kobe University

### **Professional/Academic Activities**

- Vice-President at Large, International Society for Rock Mechanics (2015- present)
- Chairman, the Organizing Committee, 2014 ISRM International Symposium- 8<sup>th</sup> Asian Rock Mechanics Symposium, Sapporo, Japan (2012-2014)
- President, Japanese Society for Rock Mechanics (ISRM Japan NG) (2011-2013)
- Board Member, Japanese Committee for Rock Mechanics (2005-2013)
- Chairman, ISRM Suggested Method for Monitoring Rock Displacements Using the Global Positioning System (2007-2013)
- Chairman, Committee of Rock Mechanics, Japan Society of Civil Engineers (2011-2013),
- Member of the Board of Education, Yamaguchi Prefecture (2004-2012), and others.

### **Awards**

- Japan Prime Minister's Prize for Distinguish Contributor of Disaster Prevention (2017)
- Space Development and Utilization Grand Prizes by Minister of Land, Infrastructure, Transport and Tourism (2016)
- Commendation for Contribution to Regional Education by the Minister of Education, Culture, Sports, Science and Technology (2012).
- Outstanding Paper/Technical Awards
  1. Japan Society of Civil Engineers (Young Scholar Award, 1988)
  2. Japanese Committee for Rock Mechanics (2006, 2009)
  3. Electric Power Civil Engineering Association (2010),
  4. Japan Society of Dam Engineering (2013, 2016),
- Outstanding Promotion Award of Science and Technology by Government of Yamaguchi Prefecture (2007)

### **Research Topics**

- 1) Developments of displacement monitoring systems using satellite and modern technologies,
- 2) Back analysis of field measurement results for assessing the stability of tunnels, underground large caverns and slopes,
- 3) Numerical modeling in rock and geotechnical engineering,
- 4) Underground space design,
- 5) Practical Projects in Rock Engineering (tunnels, underground power house, slopes, dams, etc.)

### **Publications**

More than 300 Scientific and Technical Papers in journals and proceedings were published.