

## **Yoshiyuki SHIMODA, Dr. Eng.**

Director-General, Research Institute of Innovative Technology for the Earth  
Professor, Division of Sustainable Energy and Environmental Engineering, Graduate School of Engineering, Osaka University.  
Senior Advisor to the President and Division Head, Environment and Energy Management Division, Campus Sustainability Office, Osaka University.

### **Education**

1981-1985: Undergraduate course, Department of Environmental Engineering, Osaka University.  
1985-1990: Graduate Student, Department of Environmental Engineering, Osaka University.  
March 1990: Dr. Eng., Major: Environmental Engineering, Osaka University.

### **Work Experience**

April,1990-March,1995: Research Associate, Department of Environmental Engineering, Faculty of Engineering, Osaka University.  
April,1995-June,1999: Associate Professor, Cooperative Research Center for Advanced Science and Technology, Osaka University.  
July,1999-Nov,2007: Associate Professor, Graduate School of Engineering, Osaka University.  
Mar,2001-Sep,2001: Guest Researcher, Environmental Energy Technology Division, Lawrence Berkeley National Laboratory.  
Dec,2007-Present Professor, Graduate School of Engineering, Osaka University.  
Jun. 2022-Present Director-General, Research Institute of Innovative Technology for the Earth

### **Role in the International Activities**

Member (Leader of Japan Team), IEA-EBC Annex 63 'Implementation of Energy Strategies in Communities'.  
Affiliate Director, International Building Performance Simulation Association.  
Editorial Board, Journal of Building Performance Simulation (Taylor & Francis).

### **Governmental Committee Member**

Temporally member, Global Environment Committee of the Central Environment Council, Japan  
Member, Science Council Japan.

### **Research Interests**

End-use energy forecasting in residential and commercial sector  
Urban Energy System  
District heating and cooling system.  
Global warming mitigation and adaptation measures in building sector  
Smart grid and Smart community  
Urban Heat Island

### **Honors and Awards**

2020: Best Paper Award, Architectural Institute of Japan.  
1999, 2001, 2006, 2008, 2011,2021,2022: Best Paper Award, the Society of Heating, Air-Conditioning and Sanitary Engineers of Japan (SHASE).  
2010: Best Paper Award, Japan Society of Energy and Resources (JSER).  
2005, 2007, 2014, 2016: Best Technology Award, the Society of Heating, Air-Conditioning and Sanitary Engineers of Japan (SHASE).  
Best Poster award, BS2019, the 16th IBPSA Conference