

## CV

Dr. Hiroshi Ujita

Representative of Institute for Environmental and Safety Studies

Manager of Risk Research and Development Center, AdvanceSoft Corporation

### [Background]

March 1974: Graduated from Kyushu University, Faculty of Engineering, Department of Nuclear Engineering

September 1988: Obtained a Doctor of Engineering from the Graduate School of Engineering, the University of Tokyo

April 1974 - Joined Hitachi, Ltd., Energy Research Institute as a Senior Researcher

April 2011 - Appointed as Professor in the Department of Nuclear Engineering at the Graduate School of Science and Engineering, Tokyo Institute of Technology

April 2011 - Became a Senior Researcher at Canon Global Strategy Research Institute

July 2015 - Founded Institute for Environmental and Safety Studies

February 2017 - Appointed as Director of Risk Research and Development Center at AdvanceSoft Corporation

March 2017 - Appointed as Special Advisor at the Japan Nuclear Safety Institute

Lecturer at Tokyo Institute of Technology, Keio University, University of Tsukuba, Tohoku University, Tokyo City University, the University of Tokyo, Hanoi University of Science and Technology, Kaunas University of Technology, and others.

### Notable Books:

"IT Risk Studies: Beyond Information Security Technologies" (2012) - Kyoritsu Publishing Co.

"Energy Vision: Scenarios for Combating Global Warming" (2014) - Kaibundo

"Energy Science and Global Warming" (2015) - Kyoritsu Publishing Co.

"System Safety Studies: Specialized Knowledge for the Integration of Science and Humanities" (2015) - Kaibundo

"Psychology of Security: Management of Organizations, Individuals, and Technologies" (2019) - Kaibundo

"Risk Management for Practitioners: Improving Human Performance and Reducing Risks in Practice" (2023) - Kaibundo

And many others.

Notable Papers:

"Energy Perspective and Nuclear Role under Global Warming and Energy Security Problems" - InTech "Global Warming" (2012)

"Severe Accident Analysis Code SAMPSON Improvement for IMPACT Project" - JSME International Journal, Series B, Vol.45, No.3 (2002)

"Development and Verification of Plant Navigation System for Nuclear Power Plant" - International Journal of Cognition, Technology & Work, Vol.3, No.1 (2001)

"A Probabilistic Analysis Method to Evaluate the Effect of Human Factors on Plant Safety" - Nuclear Technology, Vol.76 (1987)

"Development of SUPKIT-II: Computer Aided Fault Tree Analysis System" - Journal of Nuclear Science and Technology, Vol.21, No.8 (1984)

"Application of Unavailability Analysis Method to Determining Periodic Test Procedure of Emergency Core Cooling System" - Journal of Nuclear Science and Technology, Vol.19, No.7 (1982)

And many others.

Notable Awards:

Fellow of the Atomic Energy Society of Japan

Hashimoto Award (Best Paper of the Year 1993) from the Human Interface Society of Japan

Excellent Presentation Award at the 10th Human Interface Symposium, Society of Instrument and Control Engineers (1994)

Research Encouragement Award from the Japanese Society for Artificial Intelligence (1994)

Technical Development Award from the Atomic Energy Society of Japan (2002)

Excellent Article/Column Award from the Japan Society of Reliability (2004)

Excellent Presentation Award from the Social and Environmental Division of the Atomic Energy Society of Japan (2005)

And others.