


## Prof. Dr. Kazuharu Yoshizuka Biography

	
Name: Prof. Dr. Kazuharu Yoshizuka	
Organization: The University of Kitakyushu	
Profile Weblink: <a href="http://www.kitakyu-u.ac.jp/env/lang_en/faculty/chemical/kazuharu_yoshizuka.html">www.kitakyu-u.ac.jp/env/lang_en/faculty/chemical/kazuharu_yoshizuka.html</a> <a href="http://chemeng.env.kitakyu-u.ac.jp/en/index_e.html">http://chemeng.env.kitakyu-u.ac.jp/en/index_e.html</a>	
<p>Kazuharu Yoshizuka obtained his Master of Engineering in 1983 and his Doctor of Engineering in 1986 from Kyushu University, Japan. He was promoted to Lecturer in 1986 and Associate Professor in 1990 in the Department of Applied Chemistry of Saga University. In 1996, he studied in Germany as a research fellow of Dresden University of Technology, awarded by the scholarship of JSPS-DAAD. He was then promoted to Professor in the Department of Chemical Engineering of The University of Kitakyushu in 2001. From 2006 to 2009, he was a university senate of The University of Kitakyushu. His group is interested in the separation and recovery of critical metals from various resources. Especially, his group has been studying on the lithium recovery from seawater, salt lake brine, geothermal water by using ion exchange, solvent extraction and membrane separation. And, his group is eagerly tackling the practical recovery of lithium from untapped resources such as seawater and salt lake brine using benchmark plant.</p>	

### Personal history:

#### Education:

Bachelor of Engineering from Kyushu University, 1981  
Master of Engineering from Kyushu University, 1983  
Doctor of Engineering from Kyushu University, 1986

#### Professional appointment history:

Lecturer in the Department of Applied Chemistry, Saga University, 1986 - 1989  
Associate Professor in the Department of Applied Chemistry, Saga University, 1990 - 2001  
Professor in the Department of Chemical Engineering, The University of Kitakyushu, 2001 - now  
Head of the Department of Chemical Engineering, 2004 – 2006  
University senate of The University of Kitakyushu, 2006 – 2009

#### Other affiliations:

Research fellow of The University of East Anglia, UK, 1993  
Research fellow of Dresden University of Technology and Heidelberg University, Germany, 1996, 2000  
Research fellow of Forschungszentrum Dresden-Rossendorf, Germany, 2004, 2008  
Visiting Professor of Cranfield University, UK, 2005 – 2010  
Director of International Collaboration Center for Environmental Research and Development, The University of Kitakyushu, 2007 - 2012  
International Chair Professor of National Taipei University of Technology, Taiwan, 2014 - now

#### Degree:

Doctor of Engineering (Kyushu University, 1986)  
Professional Environmental Methodologist (Ministry of Economy, Trade and Industry, Japan, 2004)

#### Keywords of research:

Ion exchange, Solvent extraction, Membrane separation, Rare metal recovery and recycling, Lithium recovery, Computational chemistry, Utilization of deep ocean water, geothermal water and salt lake brine