



Changmo Sung, Ph.D.

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Dr. Changmo Sung is currently Expert Member (representing Asia-Pacific region) at Technology Executive Committee, UNFCCC and a visiting Professor at Green Graduate School, Korea University. He had been president of GTCK (Green Technology Center Korea) for 4 years, an established government institution to coordinate and make green & climate technology policies of related ministries and agencies, especially Interdepartmental Green Technologies R&D of Korea.

Dr. Sung was a president and CTO of Hyosung Corporation and was responsible for corporate R&D Institute for five years. He had worked as President of Inje University, Pusan in 2004 after 23 years residence in the United States. He was also serving as Presidential Committee on Balanced National Development, Presidential Commission on Policy Planning, and National Special Committee of Innovation Science Technology in Korea. Based on his engineering faculty experience of Academia-Industry collaborative, technology transfer, and commercialization in Boston Route 128 and 495, Professor Sung was involved in planning and execution of Korean high technology clusters and commercialization for advanced regional economic development. He had been a tenured professor at Department of Chemical & Nuclear Engineering, University of Massachusetts, Lowell from year 1992 to 2003 and involved in NSF Nanomanufacturing Center. He had published more than 100 technical papers and presentations in materials and nano-engineering fields.

Education

1984-1988	Ph.D. Department of Materials Science and Engineering, Lehigh University Postdoctoral Fellow, Materials Research Center (1988–1989)
1982-1984	Master of Science, Department of Materials Engineering, The Ohio State University, Columbus, Ohio
1979-1981	Master of Science, Department of Materials Engineering, Seoul National University, Korea
1975-1979	Bachelor of Science and Engineering, Department of Materials Engineering, Seoul National University, Korea

Selected Professional Activities

2015-Current	Advisory Committee Member, Ministry of Foreign Affairs, Korea
2016-Current	UNFCCC Technology Executive Committee (TEC) Member
2004-Current	Member, Korean Academy of Science Technology (KAST)
2016-2017	Ministerial-level member of Korea's Sixth National Green Growth Committee
2011–2013	Committee Member, National Science & Technology Commission
2011-2012	Policy & Assessment Committee Chairman, Korea Research Council of Fundamental Science & Technology
2009-2010	Advisory Committee Member, Science & Technology Council, Korean President's Office

2009-2010 Strategy & Policy Committee Member, Ministry of Knowledge Economy
1998-1999 President, Korean American Ceramic Society US Chapter, USA
1995-1997 Chairman, International Committee of Microscopy Society of America, USA

Academic Activities & Professional Publications

- Published two graduate level textbooks on basic transmission electron microscope (TEM) and advanced analytical TEM in Korean, used in Korean universities.
- Organized and taught electron microscopy-related courses on nano-engineering in Mexico, China, Armenia, and Korea. Taught a semester-long course on “R&D and Industry Policy of Green Technologies” at Graduate School of Green Growth, KAIST in 2014.
- Published 91 papers in international refereed journals and gave 165 presentations at international conferences and workshops.

Selected Awards and Honors

2010 **National Honorary Medal** of Science & Technology (The Innovation Medal), Korea
2009 Creative Award of Science & Technology, Ministry of Science & Technology
2009 Presidential Award on Best Industrial R&D Institute, Ministry of Knowledge Economy
2006 **Doctor *Honoris Causa***, Academy of Management, Mongolia
2003 Best Teaching Award, University of Massachusetts, Lowell, USA
1997 Honorary President of Armenian Electron Microscopy Society, USA
1982 Korean Government Scholarship for Ph.D. Degree study in US