

CURRICULUM VITAE

Personal Particulars

Name in English : Prof. Ko Chan Gock, William, SBS

Name in Chinese : 高贊覺

Position held in Company/Organization : Founding President

Company/Organization : Environmental Technologies Foundation Ltd.

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Academic/Professional Qualifications (in chronological order):

- 1968 University of Hong Kong, Department of Civil Engineering, Hong Kong (Graduated with BSc (Eng), 2nd Class Honours, Division 1)
- 1977 University of Birmingham, Department of Civil Engineering, United Kingdom (Graduated with MSc in Water Resources Technology)
- 1983 Kepner-Tregoe International, Princeton, USA (Completion Certificate)
- 1984 Senior Staff Course, Hong Kong (Completion Certificate)
- 1989 Canberra College of Advanced Education, Australia (Completion Certificate in Commercialization of Government Services)
- 1993 Strategic Management Programme, Henley Management College, United Kingdom (Completion Certificate)
- 1995 China Studies Course in Beijing, Tsinghua University (清華大學), China (Completion Certificate)
- 2002 Leadership Enhancement And Development (LEAD) Executive Programme, Harvard University, USA (Completion Certificate)
- 2002 Advanced China Studies Programme, National School of Administration (國家行政學院), China (Completion Certificate)
- 2005 Ocean University of China (中國海洋大學) (Graduated with PhD in Environmental Engineering)

Extra Professionalism

- 1990 – 1992 City University of Hong Kong, Department of Public and Social Administration - member of the Departmental Advisory Committee
- 1994 - 2003 Hong Kong Technical College (Tsing Yi) - Department of Construction - External Examiner;
1997 - 2003 Chairman of the Departmental Advisory Committee
- 1994 -1996 Secretary, Asia Pacific Group of the International Water Supply Association
- 2001 - 2006 Board Member, International Water Association
- 2002 Life Part-time Professor of Harbin Institute of Technology (哈爾濱工業大學終身兼職教授)
- 2003 Part-time Professor of Ocean University of China (中國海洋大學客座教授)
- 2003 - 2006 Chairman, International Water Association, Regional Committee of Hong Kong, China
- 2005 Adjunct Professor of Hong Kong University of Science and Technology
- 2011 Honorable Professor of The Open University of Hong Kong
- 2013 Advisor of Hong Kong Licensed Plumbers Association Ltd
- 2013 Convenor for Water Engineering Educational Development of the five water engineering related trade associations in Hong Kong (香港水喉潔具業商會, 英國特許水務學會香港分會, 香港給排水學會, 香港持牌水喉匠協會與香港水務專業協會)
- 2013 Adjunct Professor of the Technological and Higher Education Institute of Hong Kong
- 2013 Honorable President of Hong Kong Licensed Plumbing Professionals Association Ltd
- 2015 Honorary Advisor of The Hong Kong Institution of Plumbing and Drainage Ltd
- 2015 Technical Advisor of Asia Pacific Gemmologist Society

Working Experience (in chronological order)

- 1968 -1970 Apprentice Engineer in Hong Kong Public Works Department - engaged in the design and site supervision of irrigation works, water pipes, pumping stations, treatment works, service reservoirs, staff quarters, site formation, airport, roads, drains etc.
- 1970 - 1989 Assistant Engineer, Professional Engineer, Senior Engineer and Chief Engineer in various Divisions of The Hong Kong Water Supplies Department - engaged in contract administration, planning, operation, construction works, consultant management and supply works. (Full paid study leave during 1976 - 1977 for the MSc Course in Water Resources Technology, University of Birmingham, United Kingdom)
- 1989 - 1993 Assistant Director in Hong Kong Water Supplies Department (China Water Supply Branch) - overall in-charge of the planning, design and construction of the China Water Supply Project (HK\$3,000M), New Airport Water Supply Project (HK\$3,000M) and a major treatment works project (HK\$3,000M); also the Hong Kong Side Team Leader of the Sino-Hong Kong Design and Construction Technical Sub-Group on matters concerning the design and construction of the Dongjiang-Shenzhen Water Supply

Scheme.

Major Projects : Dongjiang Water Supply Stage 3 Extension

- 1993 - 1996 Deputy Director in Hong Kong Water Supplies Department - deputizing the Director for the provision of water supply to over 6 million people employing a recurrent expenditure of some HK\$4,000 million per annum, a non-recurrent expenditure of some HK\$1,500 million per annum and some 6,000 staff.
- 1996 - 1998 Deputy Secretary for Works (Works Policy), Government Secretariat - responsible for making policy for public works in Hong Kong and assisting the Secretary for Works to control the Works Department (Water Supplies Department, Highways Department, Drainage Services department, Electrical & Mechanical Services Department, Architectural Services Department, Territory Development Department, Civil Engineering Department).
- 1998 - 2000 Project Manager/New Territories East, Territory Development Department - responsible for the infra-structure developments in Sha Tin, Ma On Shan, Tseung Kwan O and Sai Kung employing an annual capital works expenditure of some HK\$2,000 million.
- 2000 - 2001 Deputy Director in Hong Kong Water Supplies Department - deputizing the Director for the provision of water supply to some 6.8 million people employing a recurrent expenditure of some HK\$5,000 million per annum, a non-recurrent expenditure of some HK\$2,000 million per annum and some 5,000 staff.
- 2001 - 2006 Director in Hong Kong Water Supplies Department - responsible for the provision of water supply to some 6.8 million people employing a recurrent expenditure of some HK\$5,000 million per annum, a non-recurrent expenditure of some HK\$2,000 million per annum and some 5,000 staff.

Major Projects : Ngau Tam Mei Water Treatment Works

Tai Po Water Treatment Works

Dongjiang Water Supply Stage 4 Extension

Current Posts

- Environmental Technologies Foundation Ltd (A Charity Organization) - Founding President
- Chevalier International Holding Ltd - Non-Executive Director
- Hong Kong Institute of Utility Specialist - Hon Advisor
- Hong Kong Senior Government Officers Association - Hon Advisor
- Government Local Civil Engineers Association - Hon Advisor
- Tsinghua Club - Executive President
- Part-time Professor of Universities in Hong Kong and Mainland
- Hon Advisor / Hon President of various Water Engineering related bodies

Honors

- 1994 Justice of the Peace
- 2006 Silver Bauhinia Star
- 2006 Honorary Member of the International Water Association (First Chinese given this award)

Publications (Latest five publications):

- 2005 Ammonia Removal by Biological Filters in Drinking Water Treatment (IWA Chemical Industries 2005, Sustainable Development of Chemical Industries with the Environment, Waste and Wastewater Management, Tsukuba International Convention Centre, Tsukuba City, Japan, 14-16 July 2005)
- 2005 Experience in Work-flow Design and Implementation of the Laboratory Information Management System (LIMS) for Water Supplies Department in Hong Kong (The 6th Shenzhen-Hong Kong-Zhuhai-Macau Water Supply Conference, Shenzhen, China, October 2005)
- 2005 Pilot Plant Study on Seawater Desalination in Hong Kong (Water Conservation and Management in Coastal Area, Qingdao, China, November 2005)
- 2005 Pilot Plant Testing for Re-provisioning of Sha Tin WTW, Hong Kong Special Administrative Region (Water Conservation and Management in Coastal Area, Qingdao, China, November 2005)
- 2005 Water Mains Rehabilitation in Hong Kong (17th Asia Pacific Regional Seminar on Sustainable Water Management: The Way Forward, Singapore, November 2005)

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