

CURRICULUM VITAE

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Full Name : Ik Kyo Chung
Date of Birth : August 18, 1953
Place of Birth : Chungju City, Korea
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Education :

B.Sc. Botany, Seoul National University 1972 - 1976
Seoul, Korea

M.S. Botany, Seoul National University 1976 - 1978
Seoul, Korea

Master Thesis: Taxonomic study of genus *Grateloupia* from Korea.
Supervisor : Dr. In Kyu Lee

M.S. Marine Sciences Research Center 1980 - 1984
State University of New York
Stony Brook, New York, U.S.A.

Master Thesis: The effects of copper on the kelp *Lamianria saccharina* (L.) Lamour.
Supervisor : Dr. B.H. Brinkhuis

Ph.D. Marine Sciences Research Center, 1984 - 1987
State University of New York,
Stony Brook, New York, U.S.A.

Ph.D. Dissertation : Ultrastructure, Cd uptake and elemental analyses of *Lamianria saccharina* (L.) Lamour.
Supervisor : Dr. B.H. Brinkhuis

Teaching & Research Experiences

Oct. 1998 ~ Present : Professor, College of Natural Science, Pusan National University,
Pusan, Korea.

Jan. 1996 ~ Feb. 1996 : Visiting Scholar, Tsukuba University, Tsukuba, Japan.
Jul. 1996 : Visiting Professor, University of New South Wales, Sydney, Australia
Jul. 1998 ~ Aug. 1998: Visiting Scholar, National Institute of Environmental Science, Tsukuba, Japan.
Oct. 1993 ~ Sep. 1998 : Associate Professor, College of Natural Science, Pusan National University, Pusan, Korea.
Oct. 1990 ~ Sep. 1993 : Assistant Professor, College of Natural Science, Pusan National University, Pusan, Korea.
Aug. 1988 ~ Sep. 1990 : Lecturer, College of Natural Science, Pusan National University, Pusan, Korea.

Academic Society Membership :

The Korean Society of Phycology (1986 ~)
The Korean Fisheries Society (1988 ~)
The Korean Limnological Society (1990 ~)
The Botanical Society of Korea (1986 ~)
Phycological Society of America (1984 ~)

Social Activities :

Jul. 1999 ~ Present : Member, Advisory Committee for Harmful Algal Blooms, National Fisheries Research Agency, Ministry of Marine Affairs and Fisheries, Republic of Korea.
Jun 1999 ~ Present : Editor in chief of the *Algae*, the Journal of Korean Society of Phycology.

Publication (1996 ~) :

Chung IK & Kang YH. 1996. A marine Picophytoplankter from Korea: *Pycnococcus provasolii* Guillard. *J. Korean Soc. Oceanol.* 31: 150-154.

Choi AR, Park MJ, Lee JA & **Chung IK**. 1996. Diel changes in vertical distribution of *Microcystis* in the Sonaktong Reservoir. *Algae*, 11:161-169.

Chung IK & Jun B-O. 1996. Increase of *in vivo* nitrate reductase activity in *Ulva pertusa* Kjellman during early exposure. *Algae*, 11: 243-246.

Choi MS, Jun B-O, Kang YH & **Chung IK**. 1996. Photosynthetic efficiency of a marine picoplankter *Pycnococcus provasolii* Guillard under various environmental conditions. *Algae*, 12: 93-97.

Hwang MS, **Chung IK** & Oh YS. 1997. Effects of temperature on *Porphyra tenera* Kjellman and *P. yezoensis* Ueda. *Algae*, 12: 207-213.

- Chung IK**, Kang YH, Kwon O-S & Kim YG. 1998. The Ecology of Picoplankton in Korea: I. The Western Channel of the Korea Strait. *Algae*, 13: 101-107
- Kim TH, Hong DD, Hwang MS, **Chung IK** & Lee C-H. 1998. Light-dependent changes in chlorophyll fluorescence from thalli of *Porphyra tenera* under osmotic dehydration and subsequent rehydration are not related with water flux. *Algae*, 13: 241-249.
- Hong DD, Kim TH, Hwang MS, **Chung IK** & Lee, C-H. 1998. Effects of salinity on chlorophyll fluorescence from *Porphyra* thalli and comparison of species with different intertidal distribution. *J. Fish. Sci. Tech.* 1: 122-128.
- Kang YJ, Ko TH, Lee JA, Lee JB & **Chung IK**. 1999. The community dynamics of phytoplankton and distribution of dinoflagellate cysts in Tongyoung Bay, Korea. *Algae*, 14:43-54.
- Chung IK**, Kang YJ, Kwon O-S & Seo JK. 2000. The ecology of phytoplankton in the Naktong Estuary. *Algae*, 15: 99-110.
- Chung IK**, Kwon O-S, Kim MJ & Yun IK. 2000. The bacterial productivity and the effects of environmental factors in Naktong River Estuary. *The Korean Journal of Microbiology*, 36: 125-129.
- Chung IK**, B-O Jun & J-S Choi 2000. Purification and Characterization of Rubisco in *Porphyra okamurae* Ueda. *Algae*, 15: 155-162.