

## **Yong Ahn Park (Republic of Korea)**

Member and Vice-Chairman, Commission on the Limits of the Continental Shelf

Acting Chairman, 28th and 29th Session, CLCS

Professor Emeritus, Seoul National University

Date of Birth: 1 January 1937

Languages: Korean, English, German

### **Educational background**

1973 Ph.D. Marine Geology, Kiel University, Federal Republic of Germany

1966 M.S. Dept. of Geology, Brown University, U.S.A.

1964 M.S. Dept. of Geology, Seoul National University, Korea

### **Current position**

2010 Senior researcher, Research Institute of Oceanography, Seoul National University

2002 Professor Emeritus, Seoul National University

2002 Technical advisor, Qingdao Institute of Marine Geology, Qingdao, China

1997 Member and Vice-Chairman, Commission on the Limits of Continental Shelf/UN Convention on the Law of the Sea

1996 Chairman, IGCP/UNESCO for Korean National Committee

### **Professional experience**

2001-2003 President, International Society of Yellow Sea Research

2001-2003 Member, Prime Minister's Office, Water Resource Policy Committee

1998-2002 Member, National Advisory Committee for the Ocean Drilling Project (ODP)

1997-2002 Chairman, the Korea-China Joint Committee for Basic Scientific Research

1996-1997 Korean delegate to the IGCP-396 (Late Quaternary records of continental shelves of the world), Sydney, and Australia

1987-1993 President, Korean Quaternary Association (KOQUA)

1983-1985 President, Korean Society of Oceanography

1982-1984 Vice Dean, College of Natural Sciences, Seoul National University

1979-1982 Advisor for the law of the sea, Ministry of Foreign Affairs of the Republic of Korea

- 1978-1982 Member, Special Committee for planning the continental shelf exploitation, Ministry of Energy and Resources, Korea
- 1978-1979 Visiting Professor, Duke University, U.S.A.
- 1975-1985 Member of the Korean delegation, Intergovernmental Oceanographic Commission
- 1967-2002 Professor, Department of Oceanography, Seoul National University

#### **Activities in the Commission on the Limits of the Continental Shelf (CLCS)**

Officer of the Commission

- 1999-2012 Vice-Chairperson, CLCS
- 2011-2012 Acting Chairperson, CLCS (28th to 29th Session)

Subsidiary Bodies

- 1997 Contributor to the development of the Rules of Procedure
- 1998 Member, working group of the Editorial Committee on the Scientific & Technical Guidelines
- 1999 Member, Working Group on Training
- 2002 Member, Subcommission to consider the submission by Russia
- 2004-2007 Member, Subcommission to consider the submission by Brazil
- 2007-2009 Member, Vice-Chairperson, Subcommission to consider the submission by Norway
- 2007-2009 Member, Vice-Chairperson, Subcommission to consider the submission by France
- 2009-2010 Member, Vice-Chairperson, Subcommission to consider the submission by Indonesia
- 2010-2011 Member, Vice-Chairperson, Subcommission to consider the submission by Suriname
- 2011-present Member, Vice-Chairperson, Subcommission to consider the submission by Philippines
- 2011-present Member, Subcommission to consider the submission by the Cook Islands

#### **Associations**

Society for Sedimentary Geology, U.S.A.

Korean Society of Oceanography

Geological Society of Korea

Korean Quaternary Association

American Geophysics Union, U.S.A.

International Association of Sedimentologists

### Decorations and awards

- 1987 Distinguished Scientific Paper Award, Korean Society of Oceanography, Republic of Korea
- 1989 Commendation for Geological Oceanography from the President of the Republic of Korea
- 2001 Order of Service Merit (Red stripes) from the President of the Republic of Korea
- 2001 2000 Outstanding Intellectuals of the 21st Century, International Biographical Centre, England
- 2006 Natural Sciences Award from the National Academy of Sciences, Republic of Korea
- 2008 Award from the International Asian Marine Geology Organization
- 2009 Kublai Khan Gold Medal from Mongolian Academy of Sciences, Mongolia

### Major publications

Prof. Park has published over 120 international and national research papers and books on marine geology and the continental shelves. Notable and relevant ones include:

#### International Academic Research Papers

Park, Y. A., (1992). Migration and textural parameters of intertidal channel sand bars in the tidal environments near Sylt, Schleswig-Holstein (F.R. Germany), *Meyniana*, Vol. 24.

Park, Y. A. and Pikley, O. H., (1981). Detrital mica: Environmental significance of roundness and grain surface textures, *Journal of Sedimentary Petrology*, Vol. 51, No.1.

Klein, G. deV., Park, Y. A., Chang, J. H. and Kim, C. S., (1982). Sedimentology of a subtidal, tide-dominated sand body in the Yellow Sea, Southwest Korea Marine Geology, Vol. 50.

Park, Y. A., J. T. Wells and Huh, O. K., (1983). Dispersal of silts and clays by winter monsoon surges in the southeastern Huanghai Sea, in *Proceedings of the International Symposium on Sedimentation on the Continental Shelf*, Hangzhou, China, China Ocean Press.

Bloom, A. L., and Park, Y. A., (1985). Holocene sea-level history and tectonic movement, Republic of Korea, *Quaternary Research (Japan)*, Vol. 24.

Park, Y. A., Wells, J. T. and Choi, J. H., (1985). Storm-induced fine sediment transport, west coast of South Korea, *Geo-Marine Letters*, Vol. 4.

Park, Y. A., and Choi, J. Y., (1989). Mechanism and distribution patterns of the fine-grained suspended materials off the southeast coast of Korea, *Acta Oceanographica Taiwanica*, Vol.24.

Park, Y. A., and Khim, B. K., (1990). Clay minerals of the recent fine-grained sediments on the Korean Continental shelves, *Continental Shelf Research*, Vol. 10, No. 12.

Wells, J. T., Adams, C. E., Park, Y. A. and Frankenburg, E.W., (1990). Morphology, sedimentology, and tidal-channel processes on a high-tidal-range mudflat, west coast of Korea, *Marine Geology*, Vol. 95.

Adams, C. E., Wells, J. T. and Park, Y. A., (1990). Internal hydraulics of a sediment-stratified channel flow, *Marine Geology*, Vol. 95.

Park, Y. A. and Khim, B. K., (1992). Smectite as a possible source-indicative clay mineral in the Yellow Sea, *Geo-Marine Letters*, Vol. 12.

Khim, B. K. and Park, Y. A., (1992). Origin and dispersal of recent clay minerals in the Yellow Sea, *Marine Geology*, Vol. 104, No. 1-4.

Park, Y. A. and Wells, J. T., (1992). Observation on shelf and subtidal channel flow: Implications of sediment dispersal seaward of the Keum River Estuary, Korea Estuarine, Coastal and Shelf Science, Vol. 34.

Park, Y. A., Chang, J. H., Lee, C. H. and Han, S. J., (1996). Controls of storm and typhoon on Chenier formation in Komso Bay, Western Korea, *Journal of Coastal Research*, Vol. 12, No. 4.

Park, Y. A., Lim, D. I., Khim, B. K., Choi, J. Y. and S. J. Doh, (1998). Stratigraphy and subaerial exposure of late quaternary tidal deposits in Haenam Bay, Korea (Southwestern Yellow Sea), *Estuarine Coastal and Shelf Science*, Vol. 47.

Lee, H. J., Chu, Y. S. and Park, Y. A., (1999). Sedimentary processes of fine-grained material and the effect of seawall construction in the Daeho macrotidal flat-nearshore area, northern west coast of Korea, *Marine Geology*, Vol. 157.

Park, Y. A. and Choi, K. S., (2002) Late Quaternary stratigraphy of the muddy tidal deposits, west coast of Korea, in Terry Healy and Ying Wang (eds.) *Muddy Coasts of the World Processes, Deposits and Function*, Elsevier.

Lim, Dhong-II, Park, Y. A., Choi, Jin-Young, Cho, J. W. and Khim, B. K., (2000). Glauconite grains of the continental sediments around Korean peninsula and their depositional, *Geo-Marine Letters*, Vol. 20, No. 2.

Choi, Kyung Sik and Park, Y. A., (2000). Late Pleistocene silty tidal rhythmites in the macrotidal flat between Youngjong and Yongyou Islands, west coast of Korea, *Marine Geology*, Vol. 167.

Park, Y. A., Choi, Jin-Yong and Gao, S., (2001). Spatial variation of suspended particulate matter in the Yellow Sea, *Geo-Marine Letters*, Vol. 20, No. 4.

Choi, Kyung Sik, Kim, Baek Oon and Park, Y. A., (2001). Late Pleistocene Tidal Rhythmites in Kyunggi Bay, West Coast of Korea: A Comparison with Simulated Rhythmites Nased on Modern Tides and Implications for Intertidal Positioning, *Journal of Sedimentary Research*, Vol. 71, No. 5.

Lim, D. I. and Park, Y. A., (2002). Late Quaternary stratigraphy and evolution of a Korean tidal flat, Haenam Bay, Southeastern Yellow Sea, Korea, *Marine Geology*, Vol. 193.

## Books

- Park, Y. A. et al., 1976. Introduction to Earth Science, 3rd ed., KyohakSa.
- Park, Y. A., 1978. Ocean (The Endless Purpose), 2nd ed., Korea Research Foundation,
- Park, Y. A., et al., 1983. Earth Science, Vol. 1 and 2, Ministry of Education.
- Park, Y. A., et al., 1988. Geology of Korea, 2nd ed., Kyohaksa.
- Park, Y. A., et al., 1992. Principles of Geology, 2nd ed., Woosung Cultural Press.
- Park, Y. A., et al., 1992. Earth Science, Vol. 1 and 2, Dong-A Press.
- Park, Y. A., et al., 1996. Principles of Oceanography, (Richard Davis) trans., Korea Textbook Press Inc.
- Park, Y. A., et al., 2001. Quaternary Environment of Korea, Seoul National University Press.
- Park, Y. A., et al., 2001. Tidal Environment of Korea, Seoul National University Press.
- Park, Y. A., et al., 2010. Eodo Island- the last point of Korea, Saet Byoel D&P.
- Park, Y. A., 2011. Principles of Oceanography, 2nd ed., Seoul National University Press.

Summary: The activities of Prof. Yong Ahn Park as member of the Commission on the Limits of the Continental Shelf, United Nations (CLCS /UN), from the first session to the twenty ninth session (1997-2012), have been impartial, conscientious and honest for the various works of the CLCS — the Editorial Committee; the Training Committee; and the subcommissions to consider the submissions made by (1) the Russian Federation, (2) Brazil, (3) Norway, (4) France, (5) Indonesia, (6) Suriname, (7) the Philippines, and (9) the Cook Islands as member and as vice-chairperson. And also as Acting Chairman for the twenty eighth session of the CLCS in 2011 and the twenty ninth session in 2012, Prof. Park has impartially, conscientiously and honestly performed his work and duties.

Prof. Yong Ahn Park is a distinguished and well-known scholar in Korea who started the teaching of marine geology for the first time in Korea, and established the Department of Oceanography at the Seoul National University in 1968, which was the first department of oceanography among the universities in Korea 45 years ago. (Now there are 12 universities in Korea that have department of oceanography.) Most of the leading young marine geologists, ocean-going oceanographers and professors of marine geology and oceanography in Korea are excellent students of Prof. Park. As described above, he has carried out a number of researches of great significance and high impact in the field of marine geology, and published over 120 papers through international and national academic journals and 12 books, as of 2011. Prof. Yong Ahn Park contributed his constant effort for the development of academic societies of geological sciences, oceanography and quaternary sciences as shown above. Prof. Park with two other eminent professors (Prof. P. Wang from China and Prof. A Taira from Japan) established the International Conference of Asian Marine Geology (ICAMG) in 1988, which has been held every three or four years in China, Korea, Japan, Thailand and India, and of which the 8th Conference will be held in Korea in 2014. It is well known in Korean academic societies that Prof. Yong Ahn Park is the founder of the science of oceanography and marine geology, and in fact, the father of marine geology in Korea.