Prof. Oike

United Nations Educational, Scientific and Cultural Organization
Japan National Committee UNESCO Global Geoparks

Japan Geopark Committee

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GLOBAL GEOPARKS NETWORK
International Association on Geoparks
Haute Provence Geopark, Musée Promenade,
10 Montée Bernard Dellacasagrande,
BP 156, 04005 Cedex Digne les Bains – France.

Dear GGN president and Executive Board members:

Recommendation of Prof. Kazuo Oike for a GGN Honorary member

Prof. Kazuo Oike had led the Geoparks in Japan in their immature and mature stages as the president of the Japan Geopark Committee (JGC) since 2008 until 2018. He devoted his life for these years to designate 9 UNESCO Global Geoparks in Japan, including the first 3 designations in 2009. He played an important role in chairing the organizing committees of the international conferences of Global and Regional Geoparks Networks in Japan, 5th International UNESCO Conference of Geoparks in the Unzen Volcanic Area UNESCO Global Geopark (City of Shimabara) in 2012 and the 4th Symposium of APGN in San'in-Kaigan UNESCO Global Geopark (Cities of Toyooka and Tottori) in 2015. Especially at the 5th International UNESCO Conference of Geoparks which was held a year after the 2011 Tohoku-Tsunami disaster, Prof. Oike contributed to deepen Geopark community's understanding of the significance on education for geohazard risk reduction in Geoparks. He also promoted the creation and development of the Japanese Geoparks Network (JGN), so that it became one of most active national networks in the world; presently consisting of 9 UNESCO Global Geoparks and 35 national Geoparks and over 10% of Japanese municipalities relate to Geoparks in some way.

Prof. Oike is a geoscientist of seismology and worked as a professor of Kyoto University since 1973, publishing many scientific papers in the international and national journals (143 as of the year of 2000), and many essays and dissemination books related to nature and culture, including geology, earthquake and natural disaster. His research life was dedicated to forecasting earthquakes in Japan and the east Asia including China, Korea

and Indonesia.

He is also great culture worker due to two reasons. The first reason is that he is one of famous "*haiku*" poets. *Haiku* is the Japanese poem strongly reflecting seasonal sceneries and writers' feelings and considerations within the limited numbers of characters. Prof Oike's nature view as the geoscientist is strongly reflected to his *haiku* world. He frequently held workshops of *haiku* in geopark areas in Japan. These workshops stimulated many geopark-related people and geopark-fans in Japan to strain their feeling against nature and culture that are essential in Geoparks. The second reason is as important positions in his academic and social carrier. He was the President of the "Kyoto University" during 2003-2008, and now the President of "Kyoto University of Art and Design" since 2013, after the Director of "International Institute for Advanced Studies" in Japan during 2009-2013.

All people that met Prof. Oike were strongly fascinated by his distinguished knowledge on nature and culture with his humorous dialogue. This kind of Prof. Oike's charisma-like human image was very important to begin and expand the Geopark world in Japan. Creation of UNESCO Global Geoparks in Japan and our present development of Geopark activity were impossible without his contribution. Here, on behalf of the Japanese Geopark community, I strongly recommend Prof. Kazuo Oike as one of the strong candidates of the GGN honorary member in 2020.

Sincerely yours,

[Nominator]

Setsuya Nakada, Prof.
President, Japan Geopark Committee
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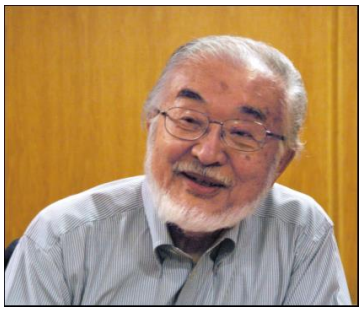
CV of Prof. Kazuo Oike

Prof. Kazuo Oike



Male,
born in May 1940 (79 years old),
Japanese

Emeritus professor of Kyoto University
President of Kyoto University of Art and Design

Brief history

1963: Graduated from Department of Geophysics, Faculty of Science, Kyoto University
1963-1973: Research Associate of Disaster Research Institute, Kyoto University
1972: Doctorate from Kyoto University, “On the nature of the occurrence of intermediate and deep earthquakes”
1973-1983: Associate professor of Disaster Research Institute, Kyoto University
1983-1986: President of Japan Seismological Society
1988-2003: Professor of Faculty of Science/Graduate School of Science, Kyoto University
1997-1999: Dean of Faculty of Science/Graduate School of Science, Kyoto University
2001-2003: Vice President of Kyoto University
2003-2008: President of Kyoto University
2008-present: Emeritus Professor of Kyoto University
2008-2018: President of Japan Geopark Committee
2009-2013: Director of International Institute for Advanced Studies
2013-present: President of Kyoto University of Art and Design
2018-present: President of Shizuoka Prefectural University Agency

Major Enlightenment Books published in Japanese

1. “2038 Nankai Trough Giant Earthquake” (in Japanese), Manual House, 2015.
2. “Tenchijin (heaven-earth-human) – world of 3 years old” (in Japanese), Manual House, 2014.
3. “Haiku Scenery in and around the city of Kyoto, Earth Science and Haiku Scenery IV” (in Japanese), Manual House, 2013.
4. “Earth Science in four seasons: walking in the spacetime of the Japanese Archipelago” (in Japanese), Iwanami Shinsho, 2012.
5. “Geoparks in Japan – Seeing, eating and learning” (in Japanese), Nakanishi Publ., 2011
6. “A huge earthquake in the Japanese Archipelago” (in Japanese), Iwanami Science Library, 2011.
7. “Haiku Scenery in and around the city of Kyoto, Earth Science and Haiku Scenery III” (in Japanese), Takarazuka Publ., 2007.
8. “Earth: Kazuo Oike’s Haiku collection” (in Japanese), Kadokawa Shoten, 2004.
9. “Haiku Scenery in and around the city of Kyoto, Earth Science and Haiku Scenery II” (in Japanese), Takarazuka Publ., 2002.

10. “Illustrated trivia: earthquake” (in Japanese), Natsume Comp., 2001.
11. “Haiku Scenery in and around the city of Kyoto, Earth Science and Haiku Scenery” (in Japanese), Takarazuka Publ., 1999.
12. “Japanese Archipelago entering into an activated stage” (in Japanese), Iwanami Science Library, 1995.
13. “Japan Earthquake Archipelago” (in Japanese). Asahi Bunko, 1992.
14. “Genetical mechanism and prediction of earthquakes” (in Japanese), Kokin Shoin, 1989.
15. “A travel to Indonesia: visiting volcanoes in Java and Bali” (in Japanese), Sango Tosho, 1987.
16. “Earthquakes in China and Japan” (in Japanese), Toho Shoten, 1979.
17. “Earthquake prediction in China” (in Japanese), NHK Books, 1978.

Published scientific papers in English (as the first and second author)

1. Yamada, T. and K. Oike: On the electromagnetic noises before and after the 1995 Hyogo-Ken Nanbu Earthquake. Atmos. Ionos. Electromagn. Phen. Assoc. Earthq., 1999, 417-427.
2. Hori, T. and K. Oike: A physical mechanism for temporal variation in seismicity in Southwest Japan related to great interplate earthquakes along the Nankai trough. Tectonophysics, Vol.308,1999, 83-98.
3. J.B. Kyung, K. Oike, and T.Hori: Temporal variations in seismic and volcanic activity and relationship with stress fields in East Asia. Tectonophysics, 267,1996,331-342.
4. T. HORI and K. OIKE: A statistical model of temporal variation of seismicity in the Inner Zone of Southwest Japan related to the great interplate earthquakes along the Nankai trough. Jour. Phys. Earth, 44, 1996, 349-356.
5. J.B. Kyung, K. Oike, and T. Hori: Temporal variations in seismic and volcanic activity and relationship with stress fields in East Asia. Tectonophysics, 267,1996,331-342.
6. T. HORI and K. OIKE: A statistical model of temporal variation of seismicity in the Inner Zone of Southwest Japan related to the great interplate earthquakes along the Nankai trough. Jour. Phys. Earth, 44, 1996, 349-356.
7. T. YAMADA and K. OIKE: Electromagnetic radiation phenomena before and after Hyogo-ken Nanbu earthquake. Jour. Phys. Earth, 44,1996, 405-412.
8. Yamada, T. and K. Oike: New observation systems of electro-magnetic radiation related to earthquakes, Electromagnetic Phenomena Related to Earthquake Prediction. (Ed.) M. Hayakawa and Y. Fujinawa, TERRA Sci. Pub., 1994, 451-458.
9. Oike, K. and T. Yamada: On the relationship between shallow earthquakes and electromagnetic noises in the LF and VLF ranges, Electromagnetic Phenomena Related to Earthquake Prediction. (Ed.) M. Hayakawa and Y. Fujinawa, TERRA Sci. Pub.,1994, 115-130.
10. Hori, T. and K. Oike: Increase of intraplate seismicity in Southwest Japan before and after intraplate earthquakes along Nankai trough. Proceedings of the 1993 Joint Conference of Seismology in East Asia, Tottori, Japan, 1993, 103-106.
11. Oike, K. et al.: Japan-Korea Joint Observation of Microearthquakes in Korea Peninsula (2) Observation in the Southern Part of the Yangsan Fault Region. Proceedings of the 1993 Joint Conference of Seismology in East Asia, Tottori, Japan, 1993, 62-63.
12. Oike, K.: International cooperation in natural disaster science - the Role of

Japan -. Technology and Development, 5, 1993, 5-16.
13. Watanabe, K. and K. Oike: Seismic activity and crustal deformation preceding an earthquake of M5.6 at the Yamasaki fault, southwest Japan. Proc. Int. Conf. Continental Earthquakes, Beijing, 1992, 1-13.
14. K. Oike: Data base of natural disasters as a fundamental work during IDNDR - On the relation between magnitude and disaster by earthquake as an example -. Workshop of IAEE in Tokyo, 1991, 87
15. K. Oike: A discussion on the relation between magnitude and the number of the dead by earthquake. International Seminar on Earthquake Prediction and Hazard Mitigation Technology, 1991, 1-9.
16. Z. Zhao, K. Oike, et al.: Stress field in the continental part of China derived from temporal variations of seismic activity. Tectonophysics, 178, 1990, 357-372.
17. T. Shibutani and K. Oike: On features of spatial and temporal variation of seismicity before and after moderate earthquake. Jour. Phys. Earth, 37, 1989, 201-224.
18. K. Oike: Study on seismicity and tectonic structure in and around Japan islands. Proc. Japan-China (Taipei). Joint Seminar on Natural Hazard Mitigation, 1989, 59-66.
19. R. Ghose and K. Oike: Characteristics of seismicity distribution along the Sunda arc: some new observations. Bull. Disaster Prevention Res. Inst., Kyoto Univ., 38, 1988, 29-48.
20. K. Oike and K. Huzita: Relation between characteristics of seismic activity and neotectonics in Honshu, Japan. Tectonophysics,148, 1988, 115-130.
21. K. Oike and K. Taniguchi: The relation between seismic activities and earth tides in the case of the Matsushiro earthquake swarm. Bull. Disaster Prevention Res. Inst, Kyoto, Univ.,38, 1988, 17-28.
22. R. Ghose and K. Oike: Tectonic implications of some reservoir-induced earthquakes in the aseismic region of western Thailand. Jour. Phys. Earth, 35, 1987, 327-345.
23. K. Oike and T. Ogawa: Electromagnetic radiations from shallow earthquakes observed in the LF range. Jour. Geomag. Geoelectr., 38, 1986, 1031-1040.
24. T. Ogawa, K. Oike and T. Miura: Electromagnetic radiations from rocks. Jour. Geophys. Res., 90, 1985, 6245-6249.
25. K. Taniguchi and K. Oike: Behavior of fractured zones at the Yamasaki fault for teleseismic surface waves. Jour. Phys. Earth, 1985, 32,449-461.
26. T. Ogawa, K. Oike and T. Miura: Electromagnetic radiations from rocks. VII Intern. Conf. Atmosph. Electr., 1984, 504-507.
27. K. Oike and Y. Ishikawa: Induced earthquakes associated with large reservoirs in China. Chinese Geophys., 2, 1984, 383-403.
28. K. Oike: On the nature of seismic activity in the eastern Asia. International Symposium of Continental Seismicity and Earthquake Prediction, 1982, 78-87.
29. K. Oike: Seismic activity and crustal movement on the Yamasaki fault in southwest Japan. Phys. Earth Planet. Inter., 18, 1979, 341-344.
30. K. Oike: Precursory phenomena and prediction of recent large earthquakes in China. Chinese Geophys., 1, 1978, 179-199.
31. K. Oike: Seismic activities and crustal movements at the Yamasaki fault and surrounding regions in the Southwest Japan. Jour. Phys. Earth, 25, 1977, S31-S41.
32. K. Oike, Y. Kishimoto, et al.: Some characteristic behaviors of the Yamasaki fault observed by extensometers. Jour. Geod. Soc. Japan, 22, 1976 284-285.
33. K. Oike: On the nature of the occurrence of intermediate and deep

earthquakes, 3. Focal mechanisms of multiplets. Bull. Disaster Prevention Res. Inst., Kyoto Univ., 21, 1971, 153-178.
34. K. Oike: On the nature of the occurrence of intermediate and deep earthquakes, 2. Spatial and temporal clustering. Bull. Disaster Prevention Res. Inst., Kyoto Univ., 21, 1971, 43-73.
35. K. Oike: Distribution of earthquake generating stresses obtained by smoothing the first motion patterns. Jour. Phys. Earth, 19, 1971, 181-198.
36. K. Oike: On the nature of the occurrence of intermediate and deep earthquakes, 1. The worldwide distribution of the earthquake generating stress. Bull. Disaster Prevention Res. Inst., Kyoto Univ., 20, 1971, 145-182.
37. K. Oike: The time variation of the focal mechanism and the activity of earthquake swarms. Bull. Disaster Prevention Res. Inst., Kyoto Univ.,19, 1970, 21-35.
38. K. Oike: The deep earthquake of June 22, 1966 in Banda Sea: A multiple shock. Bull. Disaster Prevention Res. Inst., Kyoto Univ., 19, 1969, 55-65.
39. M. Hashizume, K. Oike, et al.: Crustal structure in the profile across the northeastern part of Honshu, Japan, as derived from explosion seismic observations, Part 2. Crustal structure. Bull. Earthq. Res. Inst., Univ. Tokyo, 46, 1968, 607-630.
40. M. Hashizume, K. Oike and Y. Kishimoto: Investigation of micro-earthquakes in Kinki district -Seismicity and mechanism of their occurrence -. Bull. Disaster Prevention Res. Inst., Kyoto Univ., 15, 1966, 35-47.
41. M. Hashizume, K. Oike and Y. Kishimoto: On the accuracy of tripartite method. Bull. Disaster Prevention Res. Inst., Kyoto Univ., 15, 1965, 7-29.
(Other English articles: 19, Japanese articles; 83)