



Sung Won (Sungwon) Kim, Ph.D./P.E./Int P.E./APEC Engineer

Full Professor, Department of Railroad Construction and Safety Engineering
Dongyang University, Yeongju, 36040, Republic of Korea.

Phone: 82-54-630-1241, Fax: 82-54-637-8027

E-mail: swkim1968@dyu.ac.kr, swkim1968@naver.com

1. DATE OF BIRTH March 15, 1968

2. PLACE OF BIRTH Kimcheon, Republic of Korea

3. NATIONALITY Republic of Korea

4. OFFICE

Department of Railroad Construction and Safety Engineering, Dongyang University,
145 Dongyangdae Ro, Punggi Eup, Yeongju, 36040, Republic of Korea

5. EDUCATION

Ph.D., Civil Engineering Department

Yeungnam University, Gyeongsan, Republic of Korea (1994-1998),

Major: Water Resources and Environmental Engineering

Dissertation: A Study on the Water Budget Model in the River Catchment

Master of Science, Civil Engineering Department

Yeungnam University, Gyeongsan, Republic of Korea (1992-1994),

Major: Water Resources Engineering

Dissertation: A Study on the Water Budget Model in Volcanic Island Basin

Bachelor of Science, Civil Engineering Department

Yeungnam University, Gyeongsan, Republic of Korea (1987-1992)

6. PROFESSIONAL SUMMARY

Professor and Research Scientist with over 25 years of experience in hydrology, data-driven engineering, and statistical analysis. My current focus is on building conjunction of data-driven models and tools for water resources modeling, management, and analytics. Proven skills in hydrologic modeling, water resources, and uncertainty analysis. Published several papers on pattern recognition and nonlinear modeling of geophysical processes. Serve in the review board of leading geophysical and machine learning journals and conferences.

Research Gate https://www.researchgate.net/profile/Sungwon_Kim3

Google Scholar https://scholar.google.com/citations?user=BD_qr4wAAAAJ&hl=en

7. PROFESSIONAL CAREER

Sep. 2019 - Present:

Full Professor, Dept. of Railroad Construction and Safety Engineering, Dongyang University, Yeongju, Republic of Korea.

Sep. 2012 - Aug. 2013:

Visiting Research Scholar, Dept. of Biological and Agricultural Engineering, Texas A&M University, College Station, TX, USA.

Mar. 2009 - Aug. 2019:

Associate Professor, Dept. of Railroad and Civil Engineering, Dongyang University, Yeongju, Republic of Korea.

Mar. 2009 - Jun. 2011:

Department Head, Dept. of Railroad and Civil Engineering, Dongyang University, Yeongju, Republic of Korea.

Dec. 2006 - Feb. 2009:

Assistant Professor, Dept. of Railroad and Civil Engineering, Dongyang University, Yeongju, Republic of Korea.

Apr. 2005 - Nov. 2006:

Assistant Professor, Dept. of Geoenvironmental System Engineering, Dongyang University, Yeongju, Republic of Korea.

Sep. 2001 - Mar. 2005:

Senior Lecturer, Dept. of Geoenvironmental System Engineering, Dongyang University, Yeongju, Republic of Korea.

Jan. 1999 - Dec. 2000:

Postdoctoral Fellow, Hydrology Program, Dept. of Civil Engineering, Colorado State University, Fort Collins, CO, USA.

Sep. 1998 - Feb. 1999:

Part-Time Lecturer, Dept. of Civil Engineering, Taegu University, Kyungsan, Republic of Korea.

Sep. 1998 - Feb. 1999:

Part-Time Lecturer, Graduate School, Taegu University, Kyungsan, Republic of Korea.

Mar. 1997 - Feb. 1999:

Part-Time Lecturer, Dept. of Civil Engineering, Pohang College, Pohang, Republic of Korea.

Mar. 1997 - Aug. 1997:

Part-Time Lecturer, Dept. of Civil Engineering, Keimyung University, Daegu, Republic of Korea.

Aug. 1996 - Feb. 1999:

Part-Time Lecturer, Dept. of Civil Engineering, Kyungil University (Kyungbuk University of Technology), Kyungsan, Republic of Korea.

Mar. 1994 - Feb. 1999:

Part-Time Lecturer, Dept. of Civil Engineering, Yeungnam College of Science and Technology (Yeungnam College), Daegu, Republic of Korea.

8. COURSES (TEACHING) EXPERIENCE

Hydraulics, Hydraulics Laboratory, Applied Hydraulics, Ocean Engineering, Applied Mathematics, Basic Hydrology, River Engineering, Watershed Hydrology, Probability and Statistics, Water Resources Engineering, Fluid Mechanics, Environmental Engineering, Nature and Environment, Water Environment, Water Quality Engineering, Open Channel Hydraulics.

9. CONSULTING AND OTHER WORK EXPERIENCE

Mar. 2021 – Jan. 2023:

Member on the Committee Board of the Precision Safety Inspection & Safety Check, Korea Authority of Land & Infrastructure Safety, Goyang, Republic of Korea.

Jan. 2021 – Jan. 2023:

Member on the Committee Board of the Apartment House Support, Yeongju, Republic of Korea.

Nov. 2020 – Nov. 2022:

Member on the Committee Board of Management on Regional Water Resources and Metro Creek, Daegu, Republic of Korea.

Oct. 2020 – Oct. 2022:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Euisung, Republic of Korea.

Aug. 2020 – Jul. 2022:

Member on the Technical Advisory Board, Busan Transportation Corporation, Busan, Republic of Korea

Jul. 2020 – Jun. 2022:

Member on the Selection Committee Board of the Construction Method, Gyeongsangbuk-do, Republic of Korea

May 2020 – Aug. 2022:

Member on the Committee Board of the Proposal Evaluation on the Water Supply and Wastewater Division, Korea Environment Corporation (KECO), Incheon, Republic of Korea.

Apr. 2020 – Mar. 2023:

Member on the 8th Technical Advisory Board, SUDOKWON Landfill Site Management Corporation, Incheon, Republic of Korea

Feb. 2020 – Feb. 2022:

Member on the Selection Committee Board of the Specific Construction Method, Gyeongsangbuk-do, Republic of Korea

Feb. 2020 – Dec. 2021:

Member on the Technical Advisory Board, Goyang City, Goyang, Republic of Korea

Jan. 2020 – Dec. 2021:

Member on the Specialist Advisory Group for Environmental Impact Assessment, Daegu Regional Environmental Office, Daegu, Republic of Korea.

Dec. 2019 – Dec. 2021:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Dong-gu, Daegu, Republic of Korea.

Nov. 2019 – Nov. 2021:

Member on the Committee Board of the Disaster Influences Evaluation, Yeongju, Republic of Korea

Sep. 2019 – Aug. 2022:

Member on the Committee Board of the Local Architecture, Bongwaha, Republic of Korea

Sep. 2019 – Jun. 2020:

Member on the Selection Committee Board of the Specific Construction Method for New Technology, Gyeongsangbuk-do, Republic of Korea

Sep. 2019 – Sep. 2021:

Member on the Committee Board of the Gun Planning, Bongwaha, Republic of Korea

Sep. 2019 – Aug. 2021:

Member on the Committee Board of the Disaster Influences Evaluation, Dongducheon, Republic of Korea.

Sep. 2019 – Aug. 2022:

Member on the 4th Committee Board of Build-Transfer-Lease (BTL) Projects, Korea Environment Corporation (KECO), Incheon, Republic of Korea.

Sep. 2019 – Aug. 2022:

Member on the 5th Technical Advisory Board, Korea Environment Corporation (KECO), Incheon, Republic of Korea.

Jul. 2019 – Jul. 2021:

Member on the Committee Board of the Urban Planning, Yeongju, Republic of Korea.

Jun. 2019 – Aug. 2021:

Member on the Technical Advisory Board of Local Stream, Gyeonggi-do, Republic of Korea

Feb. 2019 – Jan. 2021:

Member on the Committee Board of the Precision Safety Inspection & Safety Check, Korea Infrastructure Safety and Technology Corporation (KISTEC), Goyang, Republic of Korea.

Jan. 2019 – Dec. 2020:

Member on the Committee Board of the Regional Construction & Technology, Gyeongsangbuk-do, Republic of Korea.

Jan. 2019 – Dec. 2019:

Division Member on the Design Committee Board of the Regional Construction & Technology, Gyeongsangbuk-do, Republic of Korea.

Dec. 2018 – Dec. 2020:

Member on the Committee Board of the Urban Planning, Yeongju, Republic of Korea.

May 2018 – Aug. 2019:

Member on the Technical Advisory Board, Korea Environment Corporation (KECO), Incheon, Republic of Korea.

Feb. 2018 – Dec. 2019:

Member on the Technical Advisory Board, Goyang City, Goyang, Republic of Korea.

Feb. 2018 – Jan. 2020:

Member on the Committee Board of Environmental Impact Deliberation, Daegu Regional Environmental Office, Daegu, Republic of Korea.

Jan. 2018 – Dec. 2019:

Member on the Specialist Advisory Group for Environmental Impact Assessment, Daegu Regional Environmental Office, Daegu, Republic of Korea.

Dec. 2017 – Dec. 2019:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Dong-gu, Daegu, Republic of Korea.

Aug. 2017 – Aug. 2019:

Member on Division of Water Resources, Water Supply and Waste Water, the 12th Technical Advisory Board, Korea Infrastructure Safety and Technology Corporation (KISTEC), Jinju, Republic of Korea.

Sep. 2017 – Aug. 2019:

Member on the Committee Board of the Regional Architecture, Bongwaha, Republic of Korea.

Sep. 2017 – Aug. 2019:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Dongducheon, Republic of Korea.

Jul. 2017 – Jul. 2019:

Member on the Committee Board of the Urban Planning, Yeongju, Republic of Korea.

Jan. 2017 – Jan. 2019:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Bongwaha, Republic of Korea.

Jan. 2017 – Jan. 2019:

Member on the Technical Advisory Board, Busan Regional Construction Management Administration, Busan, Republic of Korea.

Jan. 2017 – Dec. 2018:

Member on the Committee Board of the Regional Construction & Technology, Gyeongsangbuk-do, Republic of Korea.

Aug. 2016 – Aug. 2019:

Member on the Evaluation Board for SOC Private Investment Project, Korea Environment

Corporation (KECO), Incheon, Republic of Korea.

Jan. 2016 – Dec. 2016:

Member on the Evaluation and Consulting Board for Regional Development, Korea Evaluation Institute of Industrial Technology, Daegu, Republic of Korea.

Sep. 2015 – Sep. 2017:

Vice Chairman on the Committee Board of Safety & Management for Reservoir and Dam, Daegu, Republic of Korea.

May 2015 – Apr. 2018:

Member on the Technical Advisory Board, Korea Environment Corporation (KECO), Incheon, Republic of Korea.

Mar. 2015 – Feb. 2017:

Member on the Construction and Firefighting Board, Forum of Provincial Council, Gyeongsangbuk-do, Republic of Korea.

Jan. 2015 – Jan. 2017:

Member on the Technical Advisory Board, Busan Regional Construction Management Administration, Busan, Republic of Korea.

Jan. 2015 – Dec. 2015:

Member on the Completion and Product Evaluation Committee Board of 10 year Build-Transfer-Lease (BTL) Projects, Yeongju, Republic of Korea.

Jul. 2014 – Jun. 2016:

Foreign Member on the Technical Committee Board, Korea Rural Community (KRC) Corporation, Naju, Republic of Korea.

Feb. 2014 – :

Member on the Construction Advisory and Committee Board, Seongnam Development Corporation, Seongnam, Republic of Korea.

Sep. 2013 – Sep. 2015:

Member on the Committee Board of the Gun Planning, Bongwha, Republic of Korea.

Sep. 2013 – Sep. 2015:

Member on the Committee Board of Safety & Management on Reservoir and Dam, Daegu, Republic of Korea.

Feb. 2013 – Jan. 2015:

Member on the Committee Board of the Precision Inspection & Safety Check, Korea Infrastructure Safety and Technology Corporation (KISTEC), Goyang, Republic of Korea.

Jan. 2013 – Dec. 2014:

Member on the Committee Board of the Regional Construction & Technology, Gyeongsangbuk-do, Republic of Korea.

Jul. 2012 – Jun. 2014:

Foreign Member on the Technical Committee Board, Korea Rural Community (KRC) Corporation, Naju, Republic of Korea.

Dec. 2011 – Dec. 2013:

Member on the Committee Board of the Landscape, Gyeongsangbuk-do, Republic of Korea.

Oct. 2011 – Present:

Member on the Knowledge Economy & Technological Innovation Evaluation and Planning Board, Korea Evaluation Institute of Industrial Technology (KEIT), Daegu, Republic of Korea.

Sep. 2011 – :

Member on the Construction & Transportation Evaluation and Planning Board, Korea Institute of Construction & Transportation Technology Evaluation and Planning (KICTEP), Anyang, Republic of Korea.

Mar. 2011 – Mar. 2012:

Member on the Advisory Board of the 4 Major Rivers Restoration, Ministry of Land, Transport, and Maritime Affairs (MLTM), Gwacheon, Republic of Korea.

Feb. 2011 – Jan. 2013:

Member on the Committee Board of the Precision Inspection & Safety Check, Korea Infrastructure Safety and Technology Corporation (KISTEC), Goyang, Republic of Korea.

Jan. 2011 – Dec. 2012:

Member on the Committee Board of the General Technology, Korea Water Resources Corporation (K-Water), Republic of Korea.

Jan. 2011 – Dec. 2012:

Member on the Committee Board of the Regional Construction & Technology, Gyeongsangbuk-do, Republic of Korea.

Nov. 2010 – Oct. 2012:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Bongwha, Republic of Korea.

Oct. 2010 – Oct. 2012:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Euisung, Republic of Korea.

Aug. 2010 – Present:

Advisor, Myung Jin Geo & Technology Co., Ltd., Seoul, Republic of Korea.

Jul. 2010 – Jul. 2017:

Member on the Committee Board of Korean Small Business Innovation Research Program, Korea Technology and Information Promotion for SMEs (TIPA), Daejeon, Republic of Korea.

Dec. 2009 – Dec. 2011:

Member on the Committee Board of the Landscape, Gyeongsangbuk-do, Republic of Korea.

Jun. 2009 – May 2011:

Member on the Advanced Committee Board of the Disaster Recovery Projects, Daegu, Republic of Korea.

May 2009 – Apr. 2012:

Member on the Design Advisory Board, Korea Environment Corporation (KECO), Incheon, Republic of Korea.

Feb. 2009 – Dec. 2010:

Member on the Committee Board of the General Technology, Korea Water Resources Corporation (K-Water), Republic of Korea.

Jan. 2009 – Dec. 2010:

Member on the Committee Board of the Regional Construction & Technology, Gyeongsangbuk-do, Republic of Korea.

Nov. 2008 – Nov. 2010:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Yeongju, Republic of Korea.

Nov. 2008 – Dec. 2009:

Member on the Committee Board of Great Surveying & Subject Selection of Nakdong River and Baekdu Great Mountain, Maeil Newspaper Company, Daegu, Republic of Korea.

Nov. 2008 – Oct. 2010:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Bongwha, Republic of Korea.

May 2008 – May 2010:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Daegu, Republic of Korea.

Nov. 2006 – Oct. 2008:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Bongwha, Republic of Korea.

Sep. 2006 – Sep. 2008:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Yeongju, Republic of Korea.

May 2006 – May 2008:

Member on the Investigation Committee Board of the Advanced Disaster Influences, Daegu, Republic of Korea.

Mar. 2006 – Dec. 2007:

Member on Committee Board of Technical Evaluation, Public Procurement Service (PPS), Daejeon, Republic of Korea.

May 2004 – Apr. 2007:

Member on the Committee Board of Build-Transfer-Lease (BTL) Projects, Korea Environment Corporation (KECO), Incheon, Republic of Korea.

Feb. 2002 – Jan. 2004:

Member on the Committee Board of Sewerage Build-Transfer-Lease (BTL) Projects, Korea Environment Corporation (KECO), Incheon, Republic of Korea.

Sep. 2001 – :

Member on the Advisory Board of Disaster Management and Civil Technology, Yeongju, Republic of Korea.

10. PROFESSIONAL LICENSES

Jul. 2016 – Jul. 2019:

The International Professional Engineer, The Korean Professional Engineers Association, Seoul, Republic of Korea.

Jul. 2016 – Jul. 2019:

The APEC Engineer, The Korean Professional Engineers Association, Seoul, Republic of Korea.

May 2002:

Professional Engineer of the Water Resources Development, Human Resources Development Service of Korea, Ulsan, Republic of Korea.

Jul. 1991:

1st Degree Civil Engineer, Human Resources Development Service of Korea, Ulsan, Republic of Korea.

11. PROFESSIONAL AND SCIENTIFIC SOCIETIES

Aug. 2020 – Present:

Member of Editorial Board, Water Productivity Journal, Veresk Ettesal Knowledge base company (<http://www.waterproductivity.net/>)

Dec. 2019 – Present:

Member of Editorial Board, Forecasting, MDPI (<https://www.mdpi.com/journal/forecasting/editors>)

Jan. 2019 – Dec. 2020:

Member of Directors Board, “Korea Water Resources Association (KWRA)”, Seoul, Republic of Korea.

Jan. 2019 – Dec. 2020:

Member of Associate Editors in Editorial Board, “Journal of Korea Water Resources Association (KWRA)”, Seoul, Republic of Korea.

Oct. 2017 – Present:

Member of Associate Editorial Board, The Open Civil Engineering Journal (SCOPUS), Bentham Open (<https://benthamopen.com/TOCIEJ/editorial-board/>)

Jan. 2017 – Jan. 2019:

Chairman of Membership and Nominating Committees, “Korea Water Resources Association (KWRA)”, Seoul, Republic of Korea.

Jan. 2017 – Jan. 2019:

Member of Council Board, “Korea Water Resources Association (KWRA)”, Seoul, Republic of Korea.

May 2016 – Present:

Member of Editorial Board, American Journal of Applied Sciences, Science Publications (<http://thescipub.com/journals/ajas/editors>)

Nov. 2015 – Oct. 2017:

Member of Council Board, Daegu and Gyeong-Buk Section of KWRA, Daegu, Republic of Korea

Aug. 2015:

Chairman on the Session 6 (Related Areas and Computational Intelligence) of the 2nd International Conference on Harmony Search Algorithm, 21 August PM 12:30-16:00, Hana Square, Korea University, Seoul, Republic of Korea.

Aug. 2013:

Chairman on the Session “Climate Change Assessment and Water Management VIII” of the 6th Conference of the Asia Pacific Association of Hydrology and Water Resources, 20 August PM 16:00-17:00, Hana Square, Korea University, Seoul, Republic of Korea.

Mar. 2011 – Feb. 2013:

Member of Council Board, “Korea Water Resources Association (KWRA)”, Seoul, Republic of Korea.

Mar. 2011 – Feb. 2013:

Secretary on the Academic Committee Board of “Korea Water Resources Association (KWRA)”, Republic of Korea.

Apr. 2010 – Apr. 2011:

Member of Editorial Board, “Journal of Korean Wetlands Society (KWS)”, Seoul, Republic of Korea.

Apr. 2009 – Mar. 2011:

Member of Council Board, “Korea Water Resources Association (KWRA)”, Seoul, Republic of Korea.

Apr. 2008 – Present:

Fellow Membership, International Congress of Disaster Management, “Disaster Management”, Indore, India.

Apr. 2008 – Present:

Member of Editorial Board, “Disaster Advances” International Journal, Indore, India

Sep. 2006 – Feb. 2007:

Member of the Annual Conference Board, “Korea Society of Hazard Mitigation (KOSHAM)”, Seoul, Republic of Korea.

Feb. 2006:

Chairman on the Session 1 (River Protection Division) of the 2006 Annual Conference, “Korea Society of Hazard Mitigation (KOSHAM)”, Seoul, Republic of Korea.

Jun. 2005 – Jun. 2006:

Member of the Annual Conference Board, “Korea Society of Hazard Mitigation (KOSHAM)”, Seoul, Republic of Korea.

Jun. 2003 – Present:

Permanent Member of “Korean Society of Hazard Mitigation (KOSHAM)”.

Apr. 2003 – Apr. 2004:

Member of Editorial Board, “Journal of Korea Society of Hazard Mitigation (KOSHAM)”, Seoul, Republic of Korea.

May. 2002 – Present:

Member of “Korean Society of Civil Engineers (KSCE)”.

Apr. 1999 – Present:

Affiliate Member of “American Society of Civil Engineers (ASCE)”.

Dec. 1997 – Present:

Member of “International Water Resources Association (IWRA)”.

Feb. 1997 – Present:

Member of “Korean Society of Agricultural Engineers (KSAE)”.

Jul. 1995 – Present:

Permanent Member of “Korean Water Resources Association (KWRA)”.

12. PROFESSIONAL ACTIVITIES

1. Peer Reviewed International Journal Papers

Reviewer, Journal of Irrigation and Drainage, ASCE (2 times)
Reviewer, KSCE Journal of Civil Engineering (6 times)
Reviewer, Scientia Horticulturae (1 time)
Reviewer, Water Resources Management (13 times)
Reviewer, International Journal of Climatology (9 times)
Reviewer, Computers and Fluids (2 times)
Reviewer, Journal of Hydroinformatics (31 times)
Reviewer, Journal of Hydrology (20 times)
Reviewer, Computers & Geosciences (1 time)
Reviewer, Hydrological Sciences Journal (8 times)
Reviewer, Hydrology Research (18 times)
Reviewer, Geoscience Letters (2 times)
Reviewer, Journal of Hydrogeology & Hydrologic Engineering (1 time)

Reviewer, Journal of Hydrologic Engineering, ASCE (15 times)
Reviewer, Neural Computing and Applications (16 times)
Reviewer, Journal of Applied Geophysics (1 time)
Reviewer, Measurement (7 times)
Reviewer, Water Science and Technology: Water Supply (10 times)
Reviewer, Chapter 12 on *Handbook of Applied Hydrology* (1 time)
Reviewer, The Egyptian Journal of Remote Sensing and Space Sciences (1 time)
Reviewer, Water (17 times)
Reviewer, Journal of Computing in Civil Engineering, ASCE (1 time)
Reviewer, Journal of Zhejiang University-SCIENCE A (1 time)
Reviewer, Proceedings of ICE – Water Management (1 time)
Reviewer, Environmental Processes (4 times)
Reviewer, Theoretical and Applied Climatology (6 times)
Reviewer, River Research and Applications (2 times)
Reviewer, Remote Sensing (16 times)
Reviewer, American Journal of Applied Sciences (1 time)
Reviewer, Atmosphere (2 times)
Reviewer, Sustainability (4 times)
Reviewer, Hydrology and Earth System Sciences (HESS) (1 time)
Reviewer, Journal of Hydrology: Regional Studies (1 time)
Reviewer, Environmental Monitoring and Assessment (7 times)
Reviewer, PLoS ONE (1 time)
Reviewer, Atmospheric Research (1 time)
Reviewer, Advances in Mechanical Engineering (1 time)
Reviewer, Computational Intelligence (3 times)
Reviewer, Stochastic Environmental Research and Risk Assessment (3 times)
Reviewer, Computers and Electronics in Agriculture (7 times)
Reviewer, Applied Sciences (6 times)
Reviewer, Information Sciences (1 time)
Reviewer, Flow Measurement and Instrumentation (1 time)
Reviewer, Air Quality, Atmosphere and Health (1 time)
Reviewer, Energy (14 times)
Reviewer, IETE Journal of Research (2 times)
Reviewer, Proposal on *Handbook of Hydroinformatics* (1 time)
Reviewer, ISH Journal of Hydraulic Engineering (7 times)
Reviewer, International Transactions on Electrical Energy Systems (1 time)
Reviewer, Iranian Journal of Science and Technology – Transactions of Civil Engineering (3 times)

Reviewer, International Journal of Management Science and Engineering Management (1 time)
Reviewer, Irrigation and Drainage (2 times)
Reviewer, ISPRS International Journal of Geo-Information (1 time)
Reviewer, Science of the Total Environment (10 times)
Reviewer, Industrial Crops and Products (1 time)
Reviewer, Journal of Applied Meteorology and Climatology (1 time)
Reviewer, Mathematical Geosciences (2 times)
Reviewer, Soft Computing (15 times)
Reviewer, Applied Soft Computing (9 times)
Reviewer, Acta Geophysica (5 times)
Reviewer, Carbon Management (1 time)
Reviewer, Entropy (2 times)
Reviewer, Annals of Agrarian Science (1 time)
Reviewer, Meteorological Applications (3 times)
Reviewer, Engineering Applications of Computational Fluid Mechanics (6 times)
Reviewer, The International Journal of River Basin Management (3 times)
Reviewer, Sustainable Computing: Informatics and Systems (1 time)
Reviewer, Energy Science and Engineering (1 time)
Reviewer, Environmental Earth Sciences (3 times)
Reviewer, Water Research (1 time)
Reviewer, Journal of Experimental and Theoretical Artificial Intelligence (1 time)
Reviewer, Agricultural Water Management (8 times)
Reviewer, 6th International Conference on Mechanical Engineering, Materials Science and Civil Engineering (1 time)
Reviewer, Advances in Civil Engineering (1 time)
Reviewer, Agricultural and Forest Meteorology (2 times)
Reviewer, Arabian Journal of Geosciences (3 times)
Reviewer, International Journal of Finance and Economics (1 time)
Reviewer, Hydrology (4 times)
Reviewer, Natural Resources Modeling (1 time)
Reviewer, Physical Geography (1 time)
Reviewer, Construction and Building Materials (2 times)
Reviewer, Computers and Electrical Engineering (4 times)
Reviewer, IEEE Access (15 times)
Reviewer, Environmental Modelling and Software (2 times)
Reviewer, Desalination and Water Treatment (8 times)
Reviewer, Acta Oceanologica Sinica (1 time)

Reviewer, SN Applied Sciences (1 time)
Reviewer, Journal of Applied Water Engineering and Research (1 time)
Reviewer, Engineering Reports (1 time)
Reviewer, Communications in Statistics – Simulation and Computation (1 time)
Reviewer, Journal of Cleaner Production (1 time)
Reviewer, Water Quality Research Journal (1 time)
Reviewer, CLEAN – Soil, Air, Water (1 time)
Reviewer, Journal of Oceanology and Limnology (1 time)
Reviewer, Complexity (3 times)
Reviewer, Structures (1 time)
Reviewer, Journal of Atmospheric and Solar-Terrestrial Physics (1 time)
Reviewer, Environmental Science and Pollution Research (1 time)
Reviewer, Discrete Dynamics in Nature and Society (1 time)
Reviewer, Sustainable Energy Technologies and Assessments (2 times)
Reviewer, Advances in Water Resources (1 time)
Reviewer, International Journal of Green Energy (1 time)
Reviewer, ISA Transactions (1 time)
Reviewer, IEEE Transactions on Neural Networks and Learning Systems (2 times)
Reviewer, Finance Research Letters (1 time)
Reviewer, Geotechnical and Geological Engineering (1 time)
Reviewer, Journal of Environmental Engineering and Landscape Management (1 time)
Reviewer, Heliyon (1 time)
Reviewer, International Journal of Communication Systems (1 time)
Reviewer, AGU Books (1 time)
Reviewer, IEEE Transactions on Industrial Informatics (1 time)
Reviewer, Inverse Problems in Science and Engineering (1 time)
Reviewer, Water Environment Research (1 time)
Reviewer, Urban Water Journal (1 time)
Reviewer, Engineering Applications of Artificial Intelligence (1 time)
Reviewer, Water and Environment Journal (1 time)
Reviewer, Journal of Computational Design and Engineering (2 times)
Reviewer, Meteorology and Atmospheric Physics (2 times)
Reviewer, Journal of Water and Climate Change (1 time)
Reviewer, Expert Systems with Applications (2 times)
Reviewer, Journal of Marine Science and Application (1 time)
Reviewer, Combustion Science and Technology (1 time)
Reviewer, Science Progress (1 time)

Reviewer, Natural Resources Research (1 time)

Reviewer, Journal of the American Water Resources Association (1 time)

Reviewer, Journal of Ocean University of China (1 time)

Reviewer, Concurrency and Computation: Practice and Experience (1 time)

2. Domestic Journal Papers

Reviewer, Journal of Korea Water Resources Association (KWRA) (22 times)

Reviewer, Journal of Korean Wetlands Society (KWS) (5 times)

Reviewer, Journal of Korean Society of Civil Engineers (KSCE) (9 times)

Reviewer, Journal of the Korean Environmental Sciences Society (KENS) (5 times)

Reviewer, Journal of Korean Society of Hazard Mitigation (KOSHAM) (2 times)

13. HONORS

1. International Biographical Citations: 20 citations

2011-2012:

Inclusion – Marquis Who'sWho in Science and Engineering, 11th Edition, Marquis Who'sWho

2012:

Inclusion – Marquis Who'sWho in Asia, 2nd Edition, Marquis Who'sWho

2011:

Inclusion – Marquis Who'sWho in the World, 28th Edition, Marquis Who'sWho

2011:

Inclusion – Marquis Who'sWho in America, 65th Edition, Marquis Who'sWho

2010:

Inclusion – Marquis Who'sWho in the World, 27th Edition, Marquis Who'sWho

2010:

Inclusion – Marquis Who'sWho in America, 64th Edition, Marquis Who'sWho

2010:

Inclusion – 2000 Outstanding Scientists 2010, International Biographical Center (IBC)

2010:

Inclusion – Great Minds of the 21st Century, 4th Edition, American Biographical Institute (ABI)

2008-2009:

Inclusion – Marquis Who'sWho in Science and Engineering, 10th Edition, Marquis Who'sWho

2009:

Inclusion – Marquis Who'sWho in America, 63rd Edition, Marquis Who'sWho

2009:

Inclusion – Marquis Who'sWho in the World, 26th Edition, Marquis Who'sWho

2009:

Inclusion – 2000 Outstanding Intellectuals of the 21st Century, 5th Edition, International Biographical Center (IBC)

2009:

Inclusion – Dictionary of International Biography, 35th Edition, International Biographical Center (IBC)

2008:

Inclusion – Marquis Who'sWho in the World, 25th Edition, Marquis Who'sWho

2008:

Inclusion – Dictionary of International Biography, 34th Edition, International Biographical Center (IBC)

2006-2007:

Inclusion – Marquis Who'sWho in Science and Engineering, 9th Edition, Marquis Who'sWho

2007:

Inclusion – Marquis Who'sWho in Asia, 1st Edition, Marquis Who'sWho

2007:

Inclusion – Outstanding Scientists of the 21st Century, Inaugural Edition, International Biographical Center (IBC)

2007:

Inclusion – The Cambridge Blue Book 2007, International Biographical Center (IBC)

2007:

Inclusion – 500 Greatest Geniuses of the 21st Century, American Biographical Institute (ABI)

2. Domestic Biographical Citations: 2 citations

2011:

Inclusion – Maeil Myeong Gam 2011, Mail Newspaper Company (In Korean)

2008:

Inclusion – Korea Human History of the 21st Century 2008, Korea Racial History Publication (In Korean)

3. International Awards: 10 Awards

2016:

Award – Certificate of Reviewing, The Editors of Journal of Hydrology, Elsevier



2008:

Award – Certification of IBC Cambridge Blue Book, International Biographical Center (IBC)

2008:

Award – American Hall of Fame, American Biographical Institute (ABI)

2007:

Award – Da Vinci’s Vitruvian, International Biographical Center (IBC)

2007:

Award – Order of International Fellowship, International Biographical Center (IBC)

2007:

Award – International Order of Merit, International Biographical Center (IBC)

2007:

Award – The Da Vinci Diamond, International Biographical Center (IBC)

2007:

Award – Hall of Fame, International Biographical Center (IBC)

2007:

Award – Order of International Ambassadors, American Biographical Institute (ABI)

2007:

Award – The American Order of Excellence, American Biographical Institute (ABI)

4. Domestic Awards: 4 Awards

Jan. 2021:

Award – The President Award of “Korean Water Resources Association (KWRA)”, KWRA

Jan. 2019:

Award – The Academic Award of “Korean Water Resources Association (KWRA)”, KWRA

Feb. 2012:

Award – The President Award of “Korean Water Resources Association (KWRA)”, KWRA

Feb. 2007:

Award – The President Award of “Korea Society of Hazard Mitigation (KOSHAM)”, KOSHAM

14. PUBLICATIONS: Total Citation (1,738 times, 31/MAR/2021)

1. Peer Reviewed International Journal Papers: 56 (Published), 2 (In press) (SCI, SCIE)

Kim, S., N. Maleki, M. Rezaie-Balf, V.P. Singh, M. Alizamir, N.W. Kim, J.T. Lee and O. Kisi, 2021, “Assessment of the total organic carbon employing the different nature-inspired approaches in the Nakdong River, South Korea”, Environmental Monitoring and Assessment, accepted, (IF=1.903, 2019) (Q3)

Alizamir, M., **S. Kim**, M. Zounemat-Kermani, S. Heddami, A.H. Shahrabadi and B. Gharabaghi, 2021. "Modelling daily soil temperature by hydro-meteorological data at different depths using a novel data-intelligence model: Deep Echo State Network model", Artificial Intelligence Review, accepted, (IF=5.747, 2019) (<https://doi.org/10.1007/s10462-020-09915-5>) (Q1)

Karimi-Rizvandi, S., H.V. Goodarzi, J.H. Afkoeieh, I.M. Chung, O. Kisi, **S. Kim** and N.T.T. Linh, 2021. “Groundwater-potential mapping using a self-learning Bayesian network model: A comparison among metaheuristic algorithms”, Water, Vol. 13, Issue 5, 658. (IF=2.544, 2019) (<https://doi.org/10.3390/w13050658>) (Q2)

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