



## WALTER L. KUEHNLEIN, PH.D., -ING.



Dr. Kuehnlein is a Principal with Long International and has a proven record as a testifying expert in the London Court of International Arbitration. With more than 35 years of experience in offshore operations, engineering, science, construction, and environmental issues, Dr. Kuehnlein is dedicated to the advancement of global sustainability. He is Vice-Chairman of the Board of Directors of the German Association for Marine Technology (GMT). Previously, he served for 15 years as Chairman for the GMT. From 2005 to 2022, Dr. Kuehnlein was a member of the German Offshore Committee of DNV. He is an “offshore advisor” for the magazine *Ship&Offshore* and is a lecturer at the Hamburg University of Technology and Berlin University of Technology. Dr. Kuehnlein was Symposium Coordinator for Arctic Technology of the OMAE Conferences and Chairman of several Arctic conferences, including ATC 2016.

Since 1997, Dr. Kuehnlein has been involved in the first drilling project in the North Caspian Sea, where he worked as Engineering and Project Manager in the U.S., Russia, and Kazakhstan, and currently serves as an advisor. From 2008 to 2019, he was Managing Director of the consultancy company sea2ice Ltd. & Co. KG. From 2001 to 2009, Dr. Kuehnlein was Director at the Hamburg Ship Model Basin (HSVA) and was responsible for ice and offshore. Dr. Kuehnlein graduated in Civil and Ocean Engineering and received his Ph.D. in Ocean Engineering from the Berlin University of Technology, Germany. He has managed ambitious and challenging offshore installations in harsh environments that had to be designed and optimized completely from an operational point of view taking into consideration the full range of determining factors, such as environmental sensitivity, operational aspects, technical possibilities, construction and investment requirements, life cycle, and operational costs. Dr. Kuehnlein is a LinkedIn Community Top Marine Engineering Voice.

### EDUCATION

Doctorate: Dr.-Ing. (Ph.D.), Institute of Naval Architecture, Marine and Ocean Engineering Faculty of Transport and Communications, and Applied Mechanics, Berlin University of Technology, 1997

- Thesis: “Seakeeping Tests with Transient Wave Packets”
- Honors: Summa cum laude, Weinblum Award, Werner von Siemens Award

Master: Dipl.-Ing., Civil and Hydraulic Engineer, Berlin University of Technology, 1989

- Thesis: “Hydrodynamic Optimization of a Circular Shaped Wave Breaker”

### PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

- Certification Expert: Ice Design Basis for an Offshore Wind Park, 2023

### PROFESSIONAL AFFILIATIONS

- Network Partner of the German Committee of the UN-Decade (ODK) ([www.ozeandekade.de](http://www.ozeandekade.de)), 2021–2030
- Member of the Ocean Technology Innovation Advisory Board at the Ocean Technology Campus, Rostock, Germany ([www.oceantechnologycampus.com](http://www.oceantechnologycampus.com)), 2023
- Member of the German Offshore Committee of DNV ([www.dnv.com](http://www.dnv.com)), 2005–2022
- Member of Arctic Technology Conference (ATC) 2014 Committee, 2014
- Associate Editor for the *Journal of Offshore Mechanics and Arctic Engineering*, an ASME Journal (limited to 6 years), 2007 to 2013
- Member of Arctic Technology Conference (ATC) 2012 Committee, 2012