



Founders Award Citation

To: Mustafa M. Aral

From: American Institute of Hydrology, Executive Committee



For his dedicated leadership and continued value to the Institute, we award Mustafa M. ARAL the 2011 AIH Founders Award at the AIPG/AIH Conference, Chicago, IL.

Mustafa received a B.S in Civil Engineering in 1967; an M.S. in Civil and Environmental Engineering in 1969; and a PhD in Environmental Fluid Mechanics in 1971. He is a well published member of the Institute having co-authored more than 16 books and chapters on ground water hydrology and modeling; authored 76 articles in refereed journals; contributed 81 abstracts and articles to conference proceedings; and contributed to more than 43 other reports and publications. Mustafa also has an extensive resume of funded research and has been the principal investigator for 38 projects ranging from 'An Analysis of Convective Diffusion Equation and its Finite Element Solution', to his latest effort to research 'Exposure Dose Reconstruction' for the Centers for Disease Control. He is an active member of numerous National science and engineering organizations including AIH since 1981. Internationally he has been a member of the Association for the Advancement of Mathematical Sciences, the Marine Sciences Research Institute, Computer Sciences Research Institute, International Engineering Analysts, International Association for Computational Mechanics, the NATO Advanced Study Institute, and the European Community FP6-FP7-FP8 proposal review panel. Mustafa is currently a Fulbright Senior Scientist.

Mustafa has received numerous awards during his career that demonstrate his commitment to science and engineering. To name a few, he received the NATO Science Fellowship awards in 1973 and 1976, Outstanding Faculty Award in 1986, the Engineering Technical Excellence Award in 1996, the Honorary Professor of Environmental Sciences in 1998, Excellence in Applied Environmental Health Research in 2006, and most recently the James R. Croes Medal from the American Society of Civil Engineers. His academic contributions have been enormous, having taught classes in fluid mechanics, applied hydraulics, ground water hydrology, computational modeling, hazardous substance monitoring, flow through porous media, environmental geohydrology, and ground water modeling. Mustafa has mentored more than 19 PhD students on topics ranging from aquifer modeling to climate change.

Recognizing Mustafa for the AIH Founders Award comes with the full knowledge that the high level of contribution he has demonstrated throughout his career has been applied to the leadership of this Institute. The Founders Award, established by the AIH in 1990, is to honor the three founders of the organization, Sandor C. Csallany, Roman Kanivetsky, and Alexander Zaporozec, for their initiative and vision in forming the Institute. The award is given periodically at the discretion of the Executive Committee to an AIH member for outstanding and dedicated leadership within the Institute. And, it has



been awarded only 14 times since it was established. Mustafa is being recognized for his effort to help with a very difficult transition within the organization—the move from our former headquarters location to our present location, and taking on the task of keeping our newsletter active and professional during this transition. He is also being recognized for his service as an Executive Committee member having served as the Vice President for International Affairs from 2005 until present.

Mustafa has been a loyal member of AIH for 30 years and we have only begun to see the contributions he plans to make within our changing organization.



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