

## 1996 FOUNDERS AWARD

### Citation

The Founders Award was established in 1990 to honor the three founders of AIH, Sandor C. Csallany, Roman Kanivetsky, and Alexander Zaporozec, for their initiative and vision in forming the organization. The award is given periodically at the discretion of the Executive Committee to an AIH member for outstanding, long, and dedicated service to the Institute. The 1996 Award is presented to **Dr. Joseph S. Rosenshein**.

Dr. Rosenshein received a Bachelors degree in Geology at the University of Connecticut in 1952, a Masters in Geology, from Johns Hopkins University in 1953, and a Ph.D. in Geology with a full minor in Civil Engineering, from the University of Illinois in 1967. He spent most of his career working with the U.S. Geological Survey, Water Resources Division, first as a project investigator and project chief from 1953 through 1963, then Chief of the North Atlantic Regional Water Resources Study, then Subdistrict Chief at Rhode Island (1964-1967), moving to Tampa, Florida Subdistrict Office (1967-1975), before becoming the District Chief for Kansas (1975-1987). Dr. Rosenshein then became Assistant Chief Officer of Ground Water (1987-1992), and Acting Chief of the Office of Ground Water (1992-1993). During this time, he had principal oversight responsibility as the Coordinator of the USGS Dept. of Defense Environment Contamination Program (1987-1992) which became the third largest project in the Water Resources Division. While serving as Deputy Assistant Chief Hydrology for Program Support and Technical Support (1987-1994), he also had the responsibility for formulating, directing, and evaluating a 130 million dollar nationwide scientific and technical program in ground water, surface water, and water quality. He has received a number of awards, the Distinguished Service Award, from the Hydrogeology Division, Geological Society of America (1994), a 40 year Service Award from the U.S. Geological Survey (1992), a Meritorious Service Award from the Department of Interior (1983), and the Best Paper Award from the Journal of Ground Water (1978). A few of the other professional activities that Dr. Rosenshein has been involved in include being a member of the National Research Council's U.S. National Committee on Geology (1992-1996), President, of the U.S. National Chapter, of the International Association of Hydrogeologists (1992-1996), Chairman Hydrogeology Division, Geological Society of America (1990), Chairman Ground Water Committee, American Geophysical Union (1978-1980) as well as serving as a member of various society committees. Dr. Rosenshein has been author, co-author, and/or editor of more than 50 publications.

Dr. Rosenshein is a charter member of AIH, becoming certified in 1983 (147 HG). Some of his

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activities in AIH include:

- Member of the Board of Registration (1986-1988)
- Chairman of the Board of Registration (1988-1991)
- U.S. Geological Survey Representative on the Organizing Committee for the First USA/USSR Joint Conference on Environmental Hydrology and Hydrogeology, St. Petersburg, USSR (June 1990)
- Senior Vice President, Executive Committee of AIH (1992-1994)
- Co-President, Organizing Committee for 2nd USA/CIS Joint Conference on Environmental Hydrology and Hydrogeology, Washington D.C. (May 1993)
- Member, Steering Committee for Third USA/CIS Joint Conference on Environmental Hydrology and Hydrogeology, Uzbekistan (September 1996)
- Chairman, Committee on State Registration (1990-1996)

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### Acceptance, Dr. Joseph S. Rosenshein

This award comes at a particularly appropriate time as I begin to wind down my career in hydrology. I want to thank the AIH for this recognition and to also thank the Executive Committee for approving the award to me. This type of award can only be won through the cooperation and tolerance of many people; foremost is one's family and in particular one's wife. My wife, Helene, has borne well the sacrifices and the many infringements of my activities on our family life. She has always provided support and encouragement in my endeavors and accomplishments. She certainly shares in the honor of my receiving this award. I wish to also recognize, in particular, the U.S. Geological Survey. This Award could never have been received without the Survey's support and encouragement during my long career with them.

The Award also has particular meaning to me because of my long association with the founders of AIH; in honor of whom the Award was established.

I have been fortunate in my career to have been associated with some of the profession's foremost national and international hydrologists; some of whom are recognized as pioneers in our profession. With exposure to this kind of rich hydrologic culture, how can one not strive to give back to the profession some of that which the profession has given to one? That is how I view my service to AIH. I would encourage all members, but especially the younger ones, to become as actively involved as feasible in the organization. You can be assured of a high level of personal satisfaction out of your effort.

This award presents me with an opportunity to address some of my thoughts about the challenges facing the AIH and the profession. We have seen a strong move from the government - in part because of the deficit problems -- to pull-back from support of both science as well as the scientific professions. This pull back is occurring in spite of the fact that we have a scientific and technological driven economy and society. In many ways, we see the pendulum swinging back in time toward the type of situations that science and technology faced in the fifties and before. This means that organizations such as AIH must strive to provide greater support to our profession. To achieve this type of goal will require greater AIH interaction with our sister societies, and also require AIH to become more publicly outspoken about the profession. AIH is well-positioned and well-suited to meet the current and future challenges to the profession. It has in place a student and hydrologist-in-training membership, a semblance of a state organization, a widespread international membership, and a creditable certification process.

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However, all of these activities need to be effectively strengthened. Both the student and the hydrologist-in-training membership are critical to the future of AIH. To strengthen the student membership, the student members should be provided a place in our meeting programs for their own session(s). AIH also needs to develop some support activities that would motivate a student member to become a hydrologist-in-training by the end of the senior year. We have corporate members. AIH should encourage these members, filling entry level positions, to hire graduating students who have shown both (1) their competence in hydrology by passing Part One of the examination, and (2) their serious intent to become well-qualified hydrologists by becoming hydrologist-in-training. AIH should provide each graduating student who has qualified as a hydrologist-in-training with a letter of reference. In addition, we should make a special effort to circulate the names of new hydrologists-in-training to our corporate members and to the rest of the membership. Furthermore, as the number of members in the hydrologist-in-training category increases, a part of the annual program should be specifically focused to meet their special needs. These actions should make membership more meaningful to existing student members, help attract new student members, and encourage them to become hydrologists-in-training.

We have long recognized the need to establish a much stronger grass-roots organization, and we have encouraged members to establish active State Chapters. This effort has met with limited success. AIH should seriously consider giving a higher priority to this activity by appointing a task force (1) - to address the issues associated with building a strong grass-roots organization, and (2) - to provide recommendations and innovative approaches to effectively accomplish the task.

Our organization has long enjoyed a relatively strong, largely unsolicited interest by hydrologists outside the U.S. Certainly there are many good reasons for this interest. The hydrologically related environmental problems faced by those outside the U.S. generally are more severe than most problems faced by the U.S., and the pool of competent hydrologists to address these problems, particularly in the developing nations, generally is small. Our international members recognize the need for professional standards for the hydrologists addressing those problems. AIH needs to maintain its international interest both from a member economic and member technical stand point. International market opportunities for well-qualified hydrologists can not help but increase with time as hydrologically related environmental problems are given higher priority in developing nations' economies. We also need to take the opportunity to learn about the different technologies with which others outside the U.S. have had success. AIH serves as a medium for this exchange as well as an organization for setting professional standards to competently carry out hydrologic activities. We should guard against the temptation to forego a strong international presence.

AIH needs to interface more effectively with other groups addressing certification and registration whose activities impact upon our certification activities. For example, the Association of State Board of Geologists (ASBOG) has developed a uniform registration process for geologists. This process is being accepted by most States that register geologists. This action should lead

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reciprocity of registered geologists. AIH needs to be directly involved with ASBOG to ensure that interest of AIH's hydrogeologic members are not adversely impacted.

By now, I have surely used up the time allotted to me.

Again I wish to thank AIH for this Award. In closing, I can think of no greater honor than to receive an award that is bestowed upon someone by the peers in his profession for his service to that profession.