

Associate

Expertise	Corporate Administration, Project Management, Engineering Geology
Education	M.B.A., 1988, University of Minnesota M.S. (Engineering Geology), 1970, Cornell University B.A. (Geology), 1967, University of Virginia
Honors	Sigma Gamma Epsilon (Geology), Beta Gamma Sigma (Business Administration)

Professional Experience

2010 - Present	<i>Itasca International Inc., Minneapolis, Minnesota (HCItasca)</i> <i>Associate</i>
1999 - 2010	<i>Chief Financial Officer</i>
1999 - 2007	<i>President & Chief Executive Officer</i>
1989 - 2007	<i>Itasca Consulting Group, Inc., Minneapolis, Minnesota</i> <i>Chief Executive Officer, Chief Financial Officer, President</i>
1981 - 1988	<i>Vice President</i>
1999 - 2008	<i>Hydrologic Consultants, Inc., of Colorado, Lakewood, Colorado</i> <i>Chief Financial Officer</i>
1997 - 1999	<i>Hydrologic Consultants, Inc., Lakewood, Colorado</i> <i>Advisor to the Board of Directors</i>
1969 - 1981	<i>Dames and Moore, New York, New Jersey and Hawaii, Geologist/Associate</i>
1969 - 1971	<i>U.S. Army, Image Interpreter</i>
1966	<i>North American Exploration, Inc., Jackman, Maine, Geologist</i>

Project Experience

Corporate Management: One of the original founders of Itasca Consulting Group, Inc. Secured funding, organized and incorporated Itasca. Established financial and operating procedures for the company. Involved in the establishment and organization of Itasca offices in Canada, Chile, France, Germany, South Africa, Spain, Sweden, Australia and Houston Texas. Served on the Boards of Directors of Itasca Geomekanik AB (Sweden), Itasca Consultants, S.A. (France), Itasca Africa Pty. Ltd. (South Africa), Itasca S.A. (Chile) and Itasca Consulting Canada, Inc. (Canada).

Initiated and led Itasca's merger with Hydrologic Consultants, Inc. of Colorado and Applied Seismology Corp. of Shrewsbury, England. Participated in due-diligence review, equity distribution, organization and incorporation of the merged companies. Served as President and Chief Executive Officer of the parent company, HCItasca, Inc., with operational and financial responsibility for the merged companies.

Project Management: Project Manager for selected Itasca projects, including a three-year review of potential high-level waste repository sites for the Nuclear Regulatory Commission and three multi-year projects directed toward the improved understanding of mass mining methods, optimization of blasting, and the design of large open pits for international mining companies, and equipment and explosive manufacturers. Project Administrator for long-term, multi-task projects for the Department of Defense. Project Manager for a multi-discipline mine optimization project in Canada involving the expertise from six separate consulting companies.

Engineering Geology: Engineering Geologist and Project Manager for siting investigations for more than a dozen hydroelectric, fossil-fuel and nuclear power plants in the United States, South Africa and Korea. Studies involved rock mechanics related to excavation design, slope stability, rock stress monitoring, detailed geologic mapping, hydrology and seismology. Responsibilities included preparation of reports and documentation, and testimony to federal and state review agencies.