

## **RICHARD P. MIGNOGNA, PH.D., P.E.**

### *Vita*

Rich Mignogna is a Professional Engineer with the Colorado Public Utilities Commission where his principal responsibilities center on the implementation of Colorado's renewable energy mandate, more commonly known as Amendment 37 (A37). In this capacity, he has primary responsibility for assisting the state's regulated and nonregulated utilities in complying with the requirements of A37 and for evaluating regulatory filings in all areas of renewable energy. Lately, he has worked closely with the state's regulated utilities and stakeholder groups on the implementation of the solar incentive programs mandated by A37.

In his early career as a geological and mining engineer, Rich conducted economic and technical feasibility analyses of major energy minerals projects (primarily in coal and shale development). While employed as a Senior Engineer by the Atlantic Richfield Company, he served as ARCO's technical liaison with Federal and state regulatory authorities in Colorado, Wyoming, Utah, and Illinois to ensure compliance with regulatory requirements and minimize ecological impacts.

For most of the past two decades, his career has focused on engineering and technology management and the development and deployment of emerging technologies. Capitalizing on his background in both engineering and business, in 1992 he was appointed Founding Director of the Management of Technology (MoT) Division at the University of Denver where he created a graduate program to prepare mid-career professionals to manage technology intensive organizations and advanced technologies. His teaching responsibilities in this program included courses in Strategic Technology Planning; Technology Forecasting and Assessment; Capital Budgeting; and Technology, Ethics, and Social Responsibility.

In 1995, Rich was appointed Director of Technology Commercialization at the University Corporation for Atmospheric Research and its principal program, the National Center for Atmospheric Research (NCAR). In this capacity he was responsible for assessing the commercial potential of laboratory developed technologies in the fields of atmospheric and meteorological instrumentation, supercomputing, aviation weather instrumentation, weather radar, and scientific software.

A recognized expert in the fields of technology forecasting & assessment and science & technology intelligence, Rich has consulted in this field since 1987 with clients that include Fortune 1000 firms, small technology businesses, and governmental research organizations. He has conducted workshops and seminars in this field across North America and in Europe and was a guest lecturer at the Stevens Institute of Technology, Leuven University, and the Industrial Research Institute.

Dr. Mignogna's educational background includes a B.Sc. degree in Geological Engineering and M.S. degree in Mining Engineering, both from the Colorado School of Mines, an M.B.A. from the University of Denver, and a Ph.D. in Operations Management from the University of Colorado. He is a Licensed Professional Engineer in Colorado and a member of the Colorado Renewable Energy Society and the Solar Electric Power Association.