

# Association of Professional Engineers

of the

Province of Manitoba

## Early Achievement Award

to

### **Dr. Daryl M. McCartney**

B.Sc. (Geol. Eng.), M.Sc. (Env. Eng.), Ph.D., P.Eng.

*Dr. Daryl McCartney received his Bachelor of Science degree in Geological Engineering from the University of Manitoba in 1984, and his Master of Science and Doctor of Philosophy degrees in Environmental Engineering in 1988 and 1991, respectively. He began his practical engineering experience early, working with Dominion Construction prior to entering university and, later, as an undergraduate student in the roles of junior geologist with Uranerz Explorations and field supervisor with M.M. Dillon.*

*Upon graduation in 1984, Daryl McCartney worked with the Province of Manitoba, Department of Natural Resources (Parks Branch) as a Recreational Water Quality Inspector, as well as for the University of Manitoba, Department of Civil Engineering (Environmental Engineering Division) as a Research Associate and Teaching Assistant. Daryl also operated his own firm, McCartney Engineered Water and Wastewater Systems, for several years following his Bachelor's Degree.*

*During the period 1989 to 1993, Daryl McCartney was an Environmental Process Specialist with Poetker MacLaren Ltd. Consulting Engineers. While employed at Poetker MacLaren, Daryl also lectured both undergraduate and graduate level Environmental Engineering courses at the University of Manitoba, bringing the practical side to engineering education. Since 1993, Dr. McCartney has been an Assistant Professor with the University of Manitoba, Department of Civil and Geological Engineering.*

*Daryl has many notable achievements. A most significant achievement came from his work on the City of Winnipeg's Yard Waste Collection and Composting Program, "Leaf It With Us". As the project manager he was responsible for the technical planning, implementation, analysis, and improvements of the program from 1992 to 1994. In 1994, the Program won the Sustainable Development Achievement Award from the Province of Manitoba. Other notable achievements include, development of a Hydraulic Jet Leaf Debagger, establishment of an Environmental Engineering option in Civil Engineering, introduction of six new courses since joining the University, implementation of an Experiential Teaching Method in the classroom, and establishment of the Centre for Environmental Studies at the University of Manitoba.*

*Daryl McCartney has authored and co-authored numerous journal papers and technical reports and presented at many conferences and seminars.*

*Daryl has contributed to the profession by serving in organizations that have had a significant impact on science and technology in Manitoba and in Canada, including the Resource Recovery Institute Board, the APEM Sustainable Development Task Force and Research and Development Committee, the Compost Advisory Committee of the Department of Manitoba Environment, the Manitoba Environment Industries Association, and as a Regional Director (Manitoba/Saskatchewan) of the Composting Council of Canada.*

*Daryl is also involved in the community as a board member and the President of the Manitoba Lung Association, a Sunday School Teacher at St. Andrews River Heights United Church, and a member of the Parent Advisory Group of R.H. Smith Elementary School. In 1996 he received the Distinguished Service Award from the Manitoba Lung Association.*

*In awarding the Early Achievement Award to Dr. Daryl M. McCartney, the Association acknowledges his significant contributions to the engineering profession and the community in the early stages of a promising career.*

March, 1998