

FRED CROSS, P.Eng.

EDUCATION	B. Sc. Electrical Engineering, University of Manitoba, 1976
ASSOCIATION ACTIVITIES	Professional Engineer, APEGM, 1978 to present
OTHER ENGINEERING ACTIVITIES	Senior Member, IEEE
EMPLOYERS SINCE GRADUATION	Alcatel-Lucent Canada, Systems Engineer - 2006 to 2012 Alcatel Canada, Systems Engineer - 2002 to 2006 *Newbridge Networks, Systems Engineer - 1997 to 2000 Province of Manitoba, Director of Telecommunications - 1995 to 1997 Manitoba Telephone System, Manager, Customer Systems Engineering - 1995 to 1997 Manitoba Telephone System, Special Services Engineer - 1976 to 1994 <i>*Newbridge Networks was purchased by Alcatel in 2000. Alcatel purchased Lucent in 2006. My job function was largely the same through these transitions.</i>
QUESTIONS FROM THE NOMINATING COMMITTEE	<p>1) In your view, what is the single most important issue facing the professions today, and why?</p> <p><i>The APEGM task force on strategic priorities identified public perception as the first of its three high priority items. Individual citizens routinely encounter doctors and lawyers, but may well go throughout their entire lives without ever consulting an engineer or geoscientist. We need to increase the public's awareness of what we do and how we manage ourselves.</i></p> <p>2) Why is self-regulation and the responsibility given to us by government and the public important?</p> <p><i>Self-regulation is both an enormous privilege and an even larger responsibility. It is essential that we not only manage ourselves in accordance with the engineering and geoscience legislation, but that we ensure that we are seen to be doing so by the public.</i></p> <p>3) What do you think the public's expectation is from the practices of engineering and geosciences?</p> <p><i>I expect that most members of the general public would have a difficult time articulating what we do. However, if we could engage people in a discussion about what we do, I would think that the public's expectation would gravitate to the public safety aspects of our profession.</i></p>