

My name is Randall Walker P.Eng

I was an Eastern Regional Councilor from 2019 to 2023 and we embarked on many major changes (some popular, some not) that I would like to continue working on.

All change takes review and refinement.

Engineering by definition is taking the advancements that science produces and implement in the real world. Engineering in general around the world is at a crossroads. As we all know, garbage in, garbage out. With the proliferation of technology, we are heading towards engineering in a box with all that is required is the collection of real-world data to feed into a computer that produces the engineering outcome. If computer algorithms know all that we do, then most engineers become redundant. This also leads us down dangerous paths that in the real world can harm people if we do not build in the checks and balances required. Our job like doctors is to do no harm. The ring we wear on our pinky finger represents the trust between the public and engineers here in Ontario, Canada, and around the world.

While PEO does a lot of mundane policy that is important, we also have to work with Engineers Canada, provincial regulators, government, and global engineering to ensure the public's future is one of continued trust. We are no longer a single regulator in a province, we work with integrated engineering around the world where a single device could have input from multiple regions and entire assemblies may have parts produced by dozens of countries. Regulation has to reach beyond just our province. We need to capture the emerging disciplines that can affect public welfare and ensure world policies are in place not just by us but by governments to ensure the safety of everyone.

The future is ours.