

Sandra Ausma, Ph.D., P.Eng.



EMPLOYER AND POSITION

Retired. Volunteer director on engineering focused boards.

EDUCATION

Ph.D. Land Resource Science, University of Guelph

M.Sc. Biological Engineering, University of Guelph

B.A.Sc. Chemical Engineering, University of Waterloo

EMPLOYMENT HISTORY

Ontario Forest Industry Association - Technical Advisor,

Ontario Public Service (OPS) - Supervisor

- o Ministry of Natural Resources and Forestry
- o Ministry of the Environment

AMEC – Senior Air Quality Engineer,

Ministry of the Environment – Project Manager, Assistant Manager,

- o Recipient, OPS Amethyst Team Award
- o Nominee, Ministry of the Environment Emerald Award

Ministry of the Environment – Air Quality Analyst,

Max Planck Institute for Chemistry, Germany – Post-Doctoral Scientist,

University of Guelph – Engineering Technician

ACTIVITIES IN ADVOCACY ORGANIZATIONS

- Director, OSPE (2022 – 2025, 2015 – 2016)
 - o Audit and Finance Committee, Board Development and Strategic Planning Committee
 - o Chair, Women in Engineering Advocacy Committee (2015 – 2016)
 - o Co-Chair WEAC 2015 Fall Forum “Getting a Seat and Having a Voice: The Importance of Women Engineers at the Boardroom Table”
- Member, Women in Engineering Advisory Council – OSPE (2012 – 2016)
- Member, Women in Science and Engineering, Sudbury (2003 – 2014)

YEARS OF REGISTRATION WITH PROFESSION

- 36 years

OTHER PROFESSIONAL AFFILIATIONS

- PEO, elected councillor
 - o Councillor-at-Large (2019-2021)
 - o Vice President, Appointed (2013-2014)
 - o Councillor, Northern Region (2012 – 2014)

COMMUNITY SERVICE

- Ontario Professional Engineers Foundation for Education
 - o Vice President, Fundraising Committee co-chair (current)
 - o Director, Fundraising Committee chair (2019 to 2025)
- Laurentian University School of Engineering Advisory Board Director (2023 – present)
- OWD's Leading Women Building Communities Award Recipient
- United Way Toronto – Ministry of the Environment (2009) Campaign Co-Chair
 - o UW GTA Spirit Award Nominee
- Volunteering at schools as science fair judge as well as organizer and volunteer at GoEngGirl events
- Member, Clean Air Sudbury Steering Committee (2005 – 2013)

CONFERENCES OR TECHNICAL PAPERS

Six refereed publications. More than 10 conference proceedings / presentations.

CANDIDATE STATEMENT

I am honoured to serve on the OSPE Board and I am now seeking to be re-elected and serve for a second term. As a professional engineer and a longtime member of OSPE, I support the diverse advocacy work that OSPE does on behalf of all engineers and the engineering profession, and I support PEO's transformation into a modern engineering regulator. My desire is to apply my skills and continue to serve on the OSPE Board to support our growth and evolution through our next strategic plan.

Since 2012, I have played a role in the leadership of our profession as an elected member on PEO council and a director on OSPE's board. I bring to the board my experience with governance of the engineering profession, relationship building skills and collaborative approaches.

Thank you for your consideration and your engagement as an OSPE member.