

Water Environment Association of Ontario New Professional Committee ANNUAL STUDENT DESIGN COMPETITION



Test your technical skills! ♦ Work on a real life design challenge! ♦ Develop your professional network!

The Student Design Competition (SDC) is an annual competition organized by the New Professionals Committee of the Water Environment Association of Ontario (WEAO). The SDC is intended to promote “real world” design experience for students interested in pursuing a career in water and wastewater engineering. The competition is held annually at the WEAO Annual Symposium in April.

The competition typically involves providing preliminary design for an expansion of a wastewater treatment plant, or design of a new sewage pumping station, or evaluation of an old sewage collection system. Each year, a municipality in Ontario is requested by the SDC committee to share a real design challenge they are working on. Site visits are normally arranged so participating teams can assess existing conditions and provide a real solution.

The first place winner of the competition receives WEAO’s sponsorship for four team members to represent Ontario and compete at the Water Environment Federation Competition that is held annually in the United States as part of the Water Environment Federation (WEF) Technical Exhibition and Conference. Second and third place winners will receive monetary awards and recognition plaques. In addition, all participants will receive one-year free student membership with WEF and WEAO.

The competition is open to full-time university students across Ontario who have completed third year engineering or equivalent. Students from other disciplines or levels can participate given they have completed prerequisite courses in environmental engineering. Student teams will have the opportunity to interact with academic advisors, industrial advisors and equipment suppliers in the development of their design solution.

Registration forms, project statement and design competition guidelines are available on the SDC webpage at www.weao.org/SDC. For more information on the WEAO SDC please contact the following SDC Committee Members:

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