

## The OPTIONS Program Presents

# Jobs in Sustainability: Career Stories from Engineering Graduate Students Tackling Climate Change

Friday October 14, 2022

12:00 – 1:30 pm ET

Zoom

### PANELISTS

- Abraham Wairisal, Senior Energy Consultant, City of Toronto
- Alison Traub, Senior Policy Advisor, Ontario Ministry of Energy
- Anton Sediako, Innovation Scout, Carl Zeiss Innovation Hub
- Nadia Morson, Research Analyst, Corporate Knights

**Moderator:** Mark Franklin, Practice Leader, Career Cycles.com & Instructor, Engineering Careers (TEP1030)

---

### Mark Franklin, Practice Leader, Career Cycles.com & Instructor, Engineering Careers (TEP1030)



Mark Franklin (MEd, PEng, CMF) is practice leader of [CareerCycles](#), a career management social enterprise based in Toronto. Mark and a team of Associates have enriched the career wellbeing of 3500+ clients of all ages and stages across Canada by helping individuals make satisfying career and educational choices. Mark holds a BAsC in Industrial Engineering, a Master of Education in Counselling Psychology, and the Career Management Fellow designation through Institute of Career Certification International. Mark's career management insights have appeared in The Globe and Mail, National Post and other media, he's authored a

book chapter and peer-reviewed journal articles, and he regularly speaks to groups at national and international conferences. Mark produces and hosts the [Career Buzz Podcast](#), where he's interviewed hundreds of guests about insights and turning points in their career stories.

### Abraham Wairisal, Senior Energy Consultant, City of Toronto



Abraham is an experienced Natural Resources Canada Registered Energy Advisor, Quality Assurance Specialist, and CHBA Net Zero Energy Advisor. Abraham is passionate about eradicating energy poverty, educating homeowners on energy efficiency upgrades, and providing clear, detailed retrofit scope of work for builders/renovators. Abraham is currently the Senior Energy Consultant at the City of Toronto, providing expert advice on single-family residential home energy efficiency. Previously, Abraham was a Program Manager with Ecofitt Corporation, where he focused on low-income energy efficiency programs in Ontario, and

worked at Greensaver, where he was responsible for training and managing close to 100 energy advisors across Ontario. Prior to that, Abraham spent 6 months in Lindi, Tanzania as an Environmental Advisor where he taught poultry farmers how to make compost out of chicken droppings. Abraham has a Bachelors in Environmental Engineering from the University of Waterloo, a Masters in Social and Sustainable Business Management from Seattle Pacific University, and a Masters in Civil Engineering with Building Specialization from U of T.

**Alison Traub, Senior Policy Advisor, Ontario Ministry of Energy**



Alison holds a Bachelors of Science in Environmental Sciences from the University of Guelph and a Masters of Chemical Engineering with a specialization in Environment and Health from U of T. During her Masters, she studied the toxicity of particulate air pollution and collaborated with researchers from institutions around the world to establish standardized best practices for measuring oxidative potential, a metric for assessing air pollution toxicity. Alison now works for the Ontario Ministry of Energy on their Strategic Policy and Research team, where she leads research and policy development on climate change adaptation and

mitigation in the energy sector.

**Anton Sediako, Innovation Scout, Carl Zeiss Innovation Hub**



Anton Sediako is an Innovation Scout working at the Carl Zeiss Innovation Hub, in Karlsruhe Germany with a focus on sustainability. His work involves bringing new research from the idea phase to real products, through partnerships with start-ups, research teams, and universities. Prior to this, Anton worked as a Technical Strategy Consultant in Sweden, advising on new electrical vehicle designs, self driving systems, and new battery development. He completed his PhD in nanomaterials for clean energy at U of T with Professor Murray J. Thomson, and a Bachelor of Mechanical Engineering at McGill University.

**Nadia Morson, Research Analyst, Corporate Knights**



Nadia Morson completed her PhD in environmental microbiology in December 2021. Throughout her graduate studies, Nadia invested in courses and certifications to learn more about the field of sustainability. Nadia enrolled in the Climate Change Policy and Practice certificate at U of T's School of Continuing Studies which ultimately fueled her passion to pursue a career in sustainability. Then, Nadia obtained the LEED Green Associate certification to learn more about green building principles, and the SASB Fundamentals of Sustainability Accounting credential to develop an understanding of corporate financial materiality. Over the last 8 months,

Nadia has worked as research analyst at Corporate Knights contributing to numerous corporate sustainability rankings and research reports. In her current role, Nadia utilizes her research skills and sustainability knowledge to highlight opportunities for corporations, cities, and countries to improve their environmental and social impacts.