She completed her undergraduate studies at the University of Macedonia in Thessaloniki, Greece, and earned her MCom in Economics, cum laude, from the University of Pretoria. Her PhD, awarded in 2011, proposed a benchmark-and-trade approach to improve electricity intensity in South Africa.

Her research addresses traditional energy consumption and generation issues and explores new solutions for improving energy efficiency and renewable fuel use.

She is the Vice President for Membership and Affiliate Relations of the International Association for Energy Economics and was a founding member and president of the South African Association for Energy Economics. She also serves on the editorial boards of Energy Policy, Economics of Energy and Environmental Policy, and Environmental Science and Pollution Research.