

University of Southern California

DANIEL J. EPSTEIN DEPARTMENT OF
INDUSTRIAL AND SYSTEMS ENGINEERING

EPSTEIN INSTITUTE SEMINAR • ISE 651 SEMINAR

Sustainable Supply Chains and Carbon Footprinting

Charles J. Corbett

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UCLA Anderson School of Management**

ABSTRACT

In this talk we will discuss several topics related to sustainable supply chains and supply chain carbon footprints. We will briefly examine the link between sustainable supply chains and financial performance, and discuss why this link is often so poorly understood in practice. We will then discuss an industry-level study aimed at improving sustainability of the motion picture industry supply chain, and some of the opportunities for improvement and practical barriers encountered. One barrier to truly sustainable supply chains that occurs in almost every supply chain is the lack of appropriate incentives. In the last part of this talk, we will discuss limitations of the usual approach to carbon footprinting, specifically how the usual focus on avoiding double-counting of greenhouse gas emissions leads to insufficient incentives for the supply chain parties.

**TUESDAY, NOVEMBER 5, 2013
GRACE FORD SALVATORI (GFS) ROOM 101
3:30 – 4:50 PM**

SPEAKER BIO:

Charles J. Corbett

Charles Corbett, Ph.D., is professor of Operations Management and Sustainability at the UCLA Anderson School of Management. He served as Chairman and Deputy Dean of Academic Affairs from 2009-2012, and previously as Associate Dean of the MBA program. He has received the Citibank Teaching Award, the Executive MBA Class of 2006 Outstanding Teaching Award and the Robbins Assistant Professor teaching award, in addition to the UCLA Staff Assembly's Faculty/Staff Partnership Award and the Anderson School's J. Clayburn LaForce Faculty Leadership Award. He was an AT&T Faculty Fellow in Industrial Ecology. He is the founder and co-director of the award-winning UCLA Leaders in Sustainability graduate certificate program and founding director of the Easton Technology Leadership Program.

His areas of teaching include operations of entrepreneurs and small business, sustainability, operations management, and supply chain management. He has given (semi-)plenary and keynote lectures at conferences in Bali, Istanbul, Lima, Mexico City, Paris, Sao Paulo, Salvador (Brazil), Shanghai, and Tainan (Taiwan). Dr. Corbett has been guest editor of three special issues of *Production and Operations Management* on Environmental Management & Operations and holds a number of editorial positions at leading journals. His 2006 study on sustainability in the motion picture industry was featured in media outlets worldwide, including CNN, the Los Angeles Times, the New York Times, The Guardian, La Opinion, and various radio and TV stations. In 2013 he was elected a lifetime Fellow of the Production and Operations Management Society.

His current research focuses on environmental issues in business and operations management in entrepreneurial firms. He has published in academic and business journals in several countries, including *Sloan Management Review*, *California Management Review*, *Operations Research*, *Management Science*, *European Journal of Operational Research*, the *Journal of the Operational Research Society*, *Production and Operations Management*, *Environmental and Resource Economics*, and others.

Professor Corbett holds a Ph.D. in Production and Operations Management from INSEAD in Fontainebleau, France, and a Doctorate in Operations Research from Erasmus University Rotterdam (Netherlands).