Bio

BIO
Stephen Comello leads the Energy Business Innovation focus area at Stanford Graduate School of Business. He is also a senior fellow at the Stanford University’s Steyer-Taylor Center for Energy Policy and Finance, and a research lead at the Bits & Watts Initiative. His work examines the organization of innovation and how technology and policy coevolve to influence the economic attractiveness of advanced energy solutions. Within his current portfolio, he explores policy and business model innovation within the electricity sector, with one set of projects focusing on how digital platform technology diffusion intersects with structural changes in the industry.

ACADEMIC APPOINTMENTS
• Lecturer, Graduate School of Business

Teaching

COURSES
2017-18
• Energy Efficiency: Technology, Policy, and Investment: MS&E 442, PUBLPOL 342 (Spr)

Publications

PUBLICATIONS
• The road ahead for solar PV power RENEWABLE & SUSTAINABLE ENERGY REVIEWS
  Comello, S., Reichelstein, S., Sahoo, A.
  2018; 92: 744–56

• Managerial flexibility in levelized cost measures: A framework for incorporating uncertainty in energy investment decisions ENERGY
  Bistline, J. E., Comello, S. D., Sahoo, A.
  2018; 151: 211–25

• Enabling Mini-Grid Development in Rural India WORLD DEVELOPMENT
  Comello, S. D., Reichelstein, S. J., Sahoo, A., Schmidt, T. S.
  2017; 93: 94-107

• The US investment tax credit for solar energy: Alternatives to the anticipated 2017 step-down RENEWABLE & SUSTAINABLE ENERGY REVIEWS
  Comello, S., Reichelstein, S.
  2016; 55: 591-602

• Incentives for early adoption of carbon capture technology ENERGY POLICY
  Comello, S., Reichelstein, S.
• Firm-level ecosystem service valuation using mechanistic biogeochemical modeling and functional substitutability *ECOLOGICAL ECONOMICS*
  Comello, S. D., Maltais-Landry, G., Schwegler, B. R., Lepech, M. D.
  2014; 100: 63-73

• Project-Level Assessment of Environmental Impact: Ecosystem Services Approach to Sustainable Management and Development *JOURNAL OF MANAGEMENT IN ENGINEERING*
  Comello, S. D., Lepech, M. D., Schwegler, B. R.
  2012; 28 (1): 5-12

• A Framework for Multiphysics Modeling of Natural Environments for Valuation of Privately Owned Ecosystem Services *IEEE International Symposium on Sustainable Systems and Technology (ISSST)*
  Comello, S. D., Lepech, M. D.
  IEEE.2011