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Eric Masanet is Professor and Mellichamp Chair of Sustainability Science for Emerging Technologies at the University of California, Santa Barbara, where his research develops technology systems models and datasets to assess and optimize the energy and resource requirements of the information technology and manufacturing sectors. He has (co-) authored over 150 scientific publications on these topics to date. He is also a Faculty Scientist at Lawrence Berkeley National Laboratory and has previously served in research, leadership, and advising capacities at the International Energy Agency, U.S. Department of Energy, and U.S. White House Office of Science and Technology Policy. He holds a Ph.D. in mechanical engineering from the University of California, Berkeley, with an emphasis in sustainable design and manufacturing.