

Jenna Jambeck, PhD.

Associate Professor at University of Georgia



Jenna Jambeck is an Associate Professor in the College of Engineering at the University of Georgia. Dr. Jambeck conducts research and teaches environmental engineering with a focus on solid waste. Her work often interweaves social context and sciences with technical aspects. She has conducted numerous research projects including those related to contaminant fate and transport during waste beneficial use, chemical fate and biological processes within disposal systems, sustainable and innovative waste management practices, marine debris and plastic pollution. As we continue to evolve from waste management to materials management, a new paradigm is being created and the Jambeck Research Group strives to be at the forefront of this transformation.

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Positions:

June 2009 - Present: Associate Professor of Environmental Engineering, University of Georgia.

August 2005 – June 2009: Research Assistant Professor of Environmental Engineering, University of New Hampshire.

2004 - 2005: ORAU Post Doc, US EPA.

2000-2004: Graduate Research Assistant, University of Florida.

1998-2000: Project Engineer, URS Corporation.

Education:

2000 – 2004: PhD, Environmental Engineering, University of Florida.

1996 – 1998: MS, Environmental Engineering, University of Florida.

1992 – 1996: BS, Environmental Engineering, University of Florida.

Publications:

- Plastic Waste Inputs From Land Into The Ocean, 2015.
- Municipal Solid Waste Landfill Leachate Treatment and Electricity Production using Microbial Fuel Cells, 2014.
- Application of the Sustainable Neighborhoods for Happiness Index to Coastal Cities in the United States, 2014.
- The Sustainable Neighborhoods for Happiness Index: A Metric for Assessing a Community's Potential Influence on Residential Happiness, 2014.
- Are Sustainable Cities "Happy" Cities?: Associations Between Sustainable Development and Human Well-Being in Urban Areas of the United States, 2013.
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