



JORGE MONTEZUMA

Principal Consultant, Owner
Wanu Organics PLLC
Hillsborough, NC
(919) 883-5368

jorge@wanuorganics.com
wanuorganics.com

Mr. Montezuma is a composting and organics recycling consultant with over 14 years of experience working in the public and private sectors, including 5 years working alongside composting operations teams. He has worked on over 60 composting projects across the country and visited more than 140 organics recycling operations. His experience spans site design, technical due diligence, and permitting to commissioning, optimization, and staff trainings.

Prior to leading Wanu, Mr. Montezuma led the engineering team at Atlas Organics for close to 4 years, overseeing technical services and environmental compliance for 13 composting operations across 7 states processing 500,000 tons of yard waste, food waste, and biosolids annually. Before this, he worked for LA County Sanitation Districts assisting in the management of 450,000 wet tons of biosolids annually and working for Tulare Lake Compost.

Other significant work includes assisting USDA during bird flu outbreaks as Senior Composting SME, developing remote aeration control and temperature monitoring for ASP composting, remote solar-powered ASPs, and designing and testing a contamination removal sort line using AI robots for curbside organics. He was also involved in biosolids ASP emissions testing research, sourcing carbon materials during a hurricane event, permitting and implementing ASP composting co-located at a wastewater treatment plant, and managing \$350K in state grant funding for organics projects.

Beyond project-level work, Mr. Montezuma was elected to the US Composting Council (USCC) Board of Directors, served on the NC Composting Council Board, and was active in the CA and MD-DC state chapters. He participated in developing the USCC Model Zoning Template and Guidelines, has contributed to BioCycle Magazine, and has presented, moderated, and organized panels at multiple conferences. Since 2013, he has trained hundreds of composting professionals through the CREF Compost Operations Training Course and developed CompostBuilder.com, a suite of free planning tools for composting professionals. He also founded Compost Capital Network to connect composters, haulers, and capital providers.

AREAS OF EXPERTISE

- Strategic Planning
- Technical Due Diligence
- Operations Design
- Permitting
- Staff Trainings

LICENSES

Professional Engineer:
NC, SC, MD, FL, and CO.

EDUCATION

Master's Biological & Agricultural
Engineering, NC State University
B.S. Environmental Engineering,
Cal Poly San Luis Obispo

EMPLOYMENT

2023-Present	Wanu Organics
2019-2023	Atlas Organics
2017-2019	LA County Sanitation
2015-2017	NC DEQ
2012-2015	Smith Gardner
2011-2012	Peace Corps Panama
2010-2011	AmeriCorps

PROFESSIONAL ACTIVITIES

US Composting Council (former Board member; past committees: conference, zoning, and membership)
NC Composting Council (former Board Secretary)

SELECTED PUBLICATIONS & PRESENTATIONS

Design Compost Operations, Workshop, COMPOST2026, Jan 2026
Compost Operations Training Course, CREF, Instructor/Facilitator, Since 2013
Organic Waste Composting Programs, HalfMoon Education, Nov 2024
Co-Locating Composting Facilities at Landfills, NC SWANA, Sep 2024
Commercial Composting 101, NC Composting Council, Aug 2024
What's your Ideal Composting Recipe?, Biocycle, Dec 2023