

# Juan David Arosemena Polo

## CONTACT INFORMATION

Sostenipra research group (SGR 01412),  
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## EDUCATION

PhD, Environmental Science and Technology <i>Institut de Ciència i Tecnologia Ambientals (ICTA-UAB), Universitat Autònoma de Barcelona (UAB), Barcelona, Spain</i>	October 2022 - Present
MSc, Interdisciplinary Studies in Environmental, Economic, and Social Sustainability <i>Institut de Ciència i Tecnologia Ambientals (ICTA-UAB), Universitat Autònoma de Barcelona (UAB), Barcelona, Spain</i>	September, 2022
MSc, Environmental Engineering <i>Universidad Tecnológica de Panamá (UTP), Panama, Panama</i>	May, 2017
BSc, Environmental Studies <i>Florida State University (FSU), Panama, Panama</i>	December, 2013

## OTHER STUDIES

Postgraduate certificate in Comprehensive Solid Waste Management <i>Japanese International Cooperation Agency (JICA), Kobe, Japan</i>	February, 2019
Postgraduate certificate in Project Development and Management <i>Université Laval, IDEA International Institute, Ministerio de Economía y Finanzas (MEF), Panama, Panama</i>	July, 2015

## PROFESSIONAL EXPERIENCE

Intern, Treatment Division, Anaerobic Digestion and Composting Plant, <i>Consorci per a la Gestió dels Residus del Vallès Oriental (CRESIDUSVO), Barcelona, Spain</i>	January-June, 2022
Chief coordinator, Cerro Patacón Sanitary Landfill <i>Autoridad de Aseo Urbano y Domiciliario (AAUD), Panama, Panama</i>	2019-2021
Environmental project manager, Technical Division <i>Autoridad de Aseo Urbano y Domiciliario (AAUD), Panama, Panama</i>	2014-2019

## RESEARCH INTERESTS

Comprehensive municipal solid waste management; municipal solid waste as resources for cities and urban areas under a circular economy and urban metabolism context; solid waste compost; application of industrial ecology tools and methodologies such as life cycle assessment; environmental evaluation of urban systems; carbon footprint at city and regional level.

## GRANTS

“IFARHU-SENACYT: Secretaría Nacional de Ciencia, Tecnología e Innovación de Panamá (SENACYT) Scholarship Program, Doctoral and Postdoctoral Scholarship Subprogram”. Role: Master and Doctoral student. Funding source: SENACYT \$106,000, September 2021-February 2025.

“JICA: Japanese International Cooperation Agency (JICA), Co-Development Knowledge Program Scholarship”. Role: Postgraduate student and government technical specialist. Funding source: JICA \$6,000, January-February 2019.