

# Dennis Catalina Granados Durán, BS.

302 East Campus Road  
Athens, GA

Phone: +1 (762) 3449875  
Email: dg18506@uga.edu

## EDUCATION

B.S. Environmental and Sanitary Engineering, the University of LaSalle at Bogotá, 2021

## PROFESIONAL CERTIFICATION

Licensed Professional Engineer-Colombia, #091024-0584034 CND, September 2021

## PROFESSIONAL EXPERIENCE

January 2023- Present Graduate Research Assistant. School of Environmental, Civil, Agricultural, and Mechanical Engineering. The University of Georgia.  
January 2022-December 2022 Provision of professional services of an environmental and sanitary engineer in developing the project "Development of mitigation actions and adaptation to climate change." Governorate of Tolima.

## PUBLICATIONS

### Monograph

1. Granados Durán, D. C., & Carrillo Ortega, J. C. (2021). Treatment alternatives for sludge from the DWTP of the municipality of Fresno Tolima. University of LaSalle, Bogotá-Colombia

## AWARDS & HONORS

2015-2020 University scholarship for the best students in Colombia "Ser Pilo Paga."

2014 Economic award for the best students at the "Gonzalo Jimenez de Quesada" high school.

## CONFERENCE ACTIVITY

### Presentations

2022 Public policy and climate emergency in Tolima. Departmental climate change committee of Tolima and Tolima Health Secretary. Ibagué, Colombia. March 18-23.  
2022 Guide for the preparation of the environmental management plan for micro-basins. Environmental and Risk Secretary. Ibagué, Colombia. February 17.  
2022 Climate emergency in Tolima. Environmental authority Cortolima, Ibagué, Colombia. February 14.  
2021 Correct disposal of solid waste. Verbenal del Sur Community, Bogotá, Colombia. April 16.  
2018 Tree care and conservation. Alto del Vino Community, Cundinamarca, Colombia. April 8.

## ENGINEERING PROJECTS

2022 Territorial planning processes of hydrographic subzone Saldaña river. July 27

- 2022 The strategy of respect, protection, warranty, and promotion of subzone of the rivers Totare, Lagunilla, Recio, and Gualí rights in Tolima department socialization. Department committee of Totare. July 26.
- 2022 The greater basin of the Coello River (Combeima, Cocora, and other tributaries) and the Chipalo and Opia rivers are recognized as entities subject to rights to protection, recovery, restoration, and conservation by the state—presentation to the community and waste collection workers in Ibagué June 30.
- 2022 Granados D.C. Life cycle analysis. Environmental Study presented to Rodeo restaurant. Bogota, Cundinamarca. June 2018.

## **RELATED PROFESSIONAL SKILLS**

### **Further Education**

- 2022 Green Industrial Policy: Promoting Competitiveness and Structural Transformation. United Nations Institute for Training and Research (UNITAR) & Partnership for Action on Green Economy (PAGE). Remote participation. September.
- 2022 Mentorship Program. Clean Water Science Network. Remote participation as a mentee. July.
- 2022 Virtual Diploma in Entrepreneurship, Innovation, and Creativity. Organization of Iberoamerican States (OEI). January.
- 2021 Woman Science and Equity Program. Colombian Ministry of Science and Technology. December.
- 2021 Occupational Health and Safety System course. National Learning Service (SENA). August. Ibagué, Colombia
- 2020 First Aid Course. National Learning Service (SENA). January. Soacha, Colombia.
- 2019 Industrial ecology course. Carlos Slim Establishment. October. Remote participation. México City, México.
- 2019 Project Formulation and Control course. Carlos Slim Establishment. August. Remote Participation. México City, México.
- 2018 Global Citizen course. Carlos Slim Establishment. May. Remote participation. México City, México.

### **Programs skills**

- |  |  |
|--|--|
| Intermediate skill - Excel.              | Basic skill – HEC-RAS.                                       |
| Intermediate skill - Sketch up software. | Basic skill - Atmospheric dispersion modeling system AERMOD. |
| Intermediate skill - AutoCAD.            |  |
| Intermediate skill - RStudio.            |  |

## **SOCIAL SERVICE**

### **To profession**

García A., Granados D.C., González L.N. Basic Sanitation Plan. Social Service Practice. Verbenal South Community – Bolivar City, Bogota. June 2021.

### **To Community**

University Support volunteer team at Colombian Red Cross intersectional Bogotá Cundinamarca. January 2021- December 2021.

Volunteer of the “Animalove” foundation in caring for and rescuing stray animals.2018-2020

## **LANGUAGES**

Spanish-Native

English- Upper intermediate