



ENVIRONMENTAL INSTITUTE

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Date: January 21, 2026

To: The National University of Colombia

Re: Research Verification for Sergio Barbosa

This is to confirm that Sergio Armando Barbosa Casas performed research at the University of Virginia's (UVA) Environmental Institute as a Postdoctoral Research Associate from September 2023 to March 2025. During this period, Dr. Barbosa's duties and responsibilities at the University included the following:

- Designed and implemented methodologies for data collection, modeling, and analysis to assess flooding impacts on coastal and urban communities.
- Mentored Ph.D. students in the hydroinformatics group at the Link Lab within the Civil and Environmental Engineering Department.
- Collaborated with a multidisciplinary team on flooding vulnerabilities in Norfolk, VA, and sustainability and salt intrusion in Virginia's Eastern Shore aquifers.
- Published research findings in peer-reviewed journals and presented results at national and international conferences.
- Contributed to the development of future research proposals and grant applications.

As a Postdoc, Dr. Barbosa contributed his research insights to two large grant-funded projects at UVA:

- National Science Foundation Grant: Award Number 2209139, *"Enhancing Resilience and Equity in Urban Coastal Communities through the Co-Generation of Community Capitals"*. PI: Jonathan Goodall. Total funding: \$5,078,450.00.
- National Science Foundation Grant: Award Number 2209139, *"Building Capacity for Adaptation in Rural Coastal Communities"*. PI: Karen McGlathery. Total funding: \$4,879,249.00.

Should you need further clarification, please do not hesitate to contact me at kjm4k@virginia.edu or through 434-982-23100.

Regards,

Signed by:


Karen McGlathery, Ph.D.

(Director, UVA Environmental Institute)

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Sergio Barbosa Casas

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