

UNIVERSITY OF VALENCIA – INSTITUTE FOR TRAFFIC AND ROAD SAFETY (INTRAS)

Bike-Barometer Project (2020–2025)

CERTIFICATE OF RESEARCH

This is to certify that **Dr. Mauricio Orozco** served as researcher and country leader for the *Bike Barometer – Colombia and Portugal* research project, conducted under the supervision of Principal Investigator **Prof. Sergio A. Useche** at the University of Valencia's Institute for Traffic and Road Safety (INTRAS), during the period between June **2020 (kick-off of the project) to December 2025 (end of the second data collection wave)**.

In this capacity, Dr. Orozco was responsible for coordinating and executing the research activities in Colombia, including but not limited to:

- Overall project coordination and implementation in Colombia and Portugal
- Design, adaptation, and localization of survey instruments
- Data collection planning and fieldwork supervision
- Data cleaning, management, and quality assurance
- Statistical analysis and interpretation of results
- Scientific writing and preparation of reports and deliverables
- Communication with research partners and stakeholders

Dr. Orozco's leadership and research expertise were very helpful to the successful execution of the project in Colombia and Portugal. He demonstrated strong organizational skills, methodological rigor, and a high level of professional responsibility.

Additionally, I would like to remark that the participation, support, and productivity of Dr. Orozco has been reflected in four different JCR-indexed papers related to the project (see DOIs: [10.1016/j.trf.2022.10.025](https://doi.org/10.1016/j.trf.2022.10.025), [10.1016/j.dib.2024.110278](https://doi.org/10.1016/j.dib.2024.110278), [10.1016/j.trpro.2023.11.361](https://doi.org/10.1016/j.trpro.2023.11.361), and [10.1016/j.jtrangeo.2023.103754](https://doi.org/10.1016/j.jtrangeo.2023.103754)), plus different conference papers presented in international venues.

This certificate is issued upon request for all due purposes.



Prof. Sergio A. Useche, Ph.D.

Principal Investigator

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