

Foreword

<https://doi.org/10.26439/ciic2025.8663>

The Civil Engineering Program at the University of Lima presents the proceedings of the 1st International Congress of Civil Engineering (CIIC 2025), held on May 28-30, 2025. This volume brings together seven peer-reviewed papers selected for publication from the congress. The contributions included here address a range of topics that are central to contemporary civil engineering, including seismic and structural performance, sustainable construction materials, infrastructure monitoring, and the application of digital and data-driven methods to inspection, assessment, and decision-making.

The congress also included keynote lectures by distinguished specialists from Peru and abroad, whose participation contributed to the broader academic exchange fostered by the event. While those lectures were an important part of the congress program, the present volume is devoted exclusively to the scientific papers accepted for publication.

The papers published in these proceedings reflect the thematic breadth of the congress and the diversity of current research interests in the field. They cover seismic and structural engineering, sustainable construction, transportation infrastructure, and emerging technologies applied to civil engineering. Presented in a hybrid format, the congress brought together researchers and professionals from Peru, Chile, and Colombia, creating a space for the discussion of shared challenges and current lines of inquiry across the region.

The Civil Engineering Program gratefully acknowledges the support of its sponsors—Cosapi, Bituper, PSS, PSV, and Unacem—as well as the work of the reviewers, session chairs, and volunteers who contributed to the organization of the event. It also extends its appreciation to all authors and participants whose contributions made CIIC 2025 a valuable forum for academic exchange within the civil engineering community.