

# Civil Engineering

Vol. 29, No. 2, September 2025

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# A SCIENTIFIC JOURNAL OF CIVIL ENGINEERING

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The editor accepts scientific articles from various groups such as lecturers, researchers and Civil Engineering practitioners from within and outside the Faculty of Engineering, Udayana University in accordance with the writing guidelines.

# **A Scientific Journal of Civil Engineering**

## **FOREWORD**

We express our gratitude to God Almighty for the publication of the Civil Engineering Scientific Journal Vol. 29, No. 2, September 2025. This edition features ten articles: 2 in the field of transportation engineering, 4 in water resource engineering, 1 in infrastructure & construction management, and 3 in geotechnical engineering. The topics covered in this edition come from four areas of civil engineering expertise, and we hope to see contributions with a wider range of topics from other areas of expertise in future editions

This is a brief introduction, and we hope this journal continues to be published with ever-improving quality and serves as a benefit to institutions, the nation, and the country. We continue to welcome contributions from various circles, including academics, research institutions, and practitioners, so that this journal can truly be utilized as a medium for exchanging technical information. Finally, we look forward to receiving valuable suggestions and constructive criticism for the publication of the next edition of the journal.

Thank you

Editorial Board

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