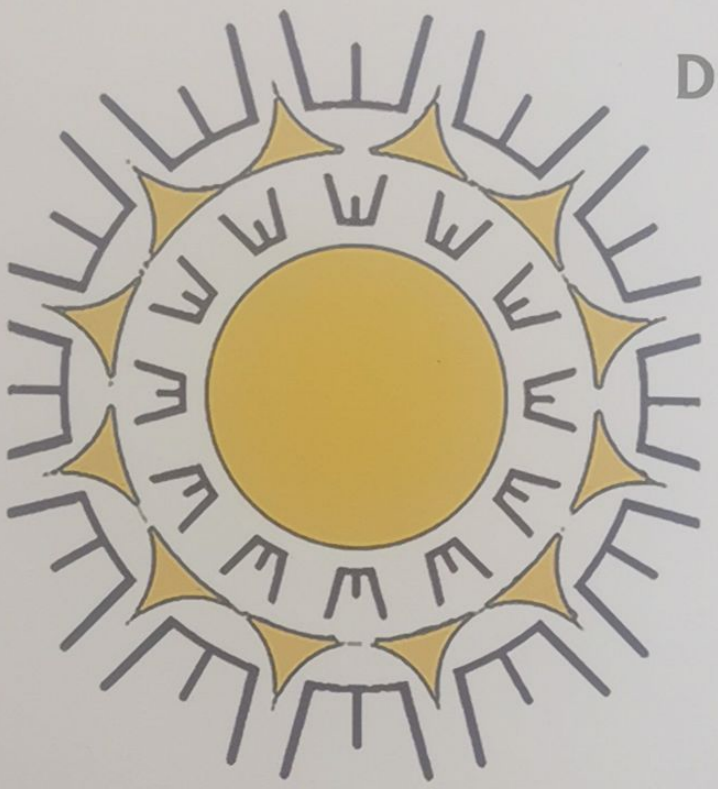
EACE Journal

Vol-9 No 9
December 2018



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ETHIOPIAN ASSOCIATION of CIVIL ENGINEERS

EACE Journal

Vol-9 No 9
December 2018

A PUBLICATION OF
THE ETHIOPIAN ASSOCITION OF CIVIL ENGINEERS

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Those of you who are interested to submit paper's for our journal and bulletin please forward your paper's up to 31st July 2019 to the following address

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MESSAGE FROM THE EDITORIAL COMMITTEE

Dear all members of the EACE,

With a strong belief that, the EACE Journal will serve as communicative, exchange of new ideas and knowledge among the civil engineering professionals of Ethiopia; its uninterrupted publication is kept alive with the close support and dedication of the Association members and non-members alike. Since this has to continue unabated for the years to come, all those who stood for its cause for so long and those who join the noble profession from our universities are very much encouraged to continue contributing to their Journal per the standing notification of "Call for articles to be published in the EACE Journal and Bulletin".

In light of the above, on this day of the 2018, No. 9, Vol. 9 issue of EACE Journal, the Editorial Committee would like to extend its heartfelt gratitude to the individuals who contributed papers and the reviewers alike; who painstakingly assessed and evaluated the manuscripts within the best convenient allotted time of the Editorial Committee. With no less esteem, our special thanks also goes to all organizations who supported both of the EACE publications; financially.

All the views and opinions reflected in the articles in here are those of the authors. The editorial Committee neither endorses nor opposes any particular outlook or idea that appears in this Journal.

The Editorial Committee of the EACE

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Acknowledgment

EACE Editorial commute gratefully acknowledge the following individuals for their assistance with review of manuscripts for this Journal. Their help and contributions in maintaining the quality of the journal are greatly appreciated.

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We hope to count on your valuable service in future.

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FUNDAMENTAL PRINCIPLES

Engineers uphold and advance the integrity, honor and dignity of the Engineering Profession by:

1. Using their knowledge and skill for the enhancement of human welfare and the environment;
2. Being honest and impartial and serving with fidelity the public, their employers and clients;
3. Striving to increase the competence and prestige of the engineering profession; and
4. Supporting the professionals and technical societies of their disciplines

FUNDAMENTAL CANONS

CANON I: Engineers shall hold paramount the safety, health and welfare of public and shall strive to comply with the principles of sustainable development in the performance of their professional duties.

CANON II: Engineers shall perform services only in areas of their competence.

CANON III: Engineers shall issue public statements only in an objective and truthful manner

CANON IV: Engineers shall act in professional matters for each employer or cli ent as faithful agents or trustees, and shall avoid conflicts of interest.

CANON V: Engineers shall build their professional on the merit of their services and shall not compete unfairly with others.

CANON VI: Engineers shall act in such a manner as to uphold and enhance the honor, integrity and dignity the engineering profession.

CANON VII: Engineers shall continue their professional development through out their careers, and shall provide opportunities for the profession al development of those engineers under their supervision.