

Preface

We would like to present, with great pleasure, the first volume of a new scholarly journal, Indonesian Journal of Life Cycle Assessment and Sustainability (IJoLCAS). This journal is published by Indonesian Life Cycle Assessment Network (ILCAN), and is devoted entirely to life cycle assessment and closely related methods to assess sustainability.

This new journal was envisioned and founded to represent the growing needs of instrument to assess the ecological burdens and impacts throughout the consecutive and interlinked stages of a product system, from raw material acquisition or generation from natural resources, through production and use to final disposal. In its later development, life cycle assessment has expanded to cover not only environmental, but also economic and social aspect. The vision of the journal is to become a forum for life cycle assessment and sustainability research addressing the views of researchers and practitioners in life cycle assessment and sustainability field, with an emphasize to the cases of Indonesia, Asia, and surrounding regions.

IJoLCAS focuses on original high-quality research in the environmental impacts of goods and services. The Journal is intended as a forum for practitioners and researchers to present new insight and application. In that regard, IJoLCAS accepts contributions on the following topics: life cycle assessment, life cycle inventory, life cycle impact assessment, life cycle sustainability assessment, social life cycle assessment, life cycle costing, environmental footprint, carbon footprint, water footprint, land footprint, chemical footprint, life cycle perspective/thinking/approach in environmental management system, life cycle management, life cycle engineering, input-output analysis, substance and material flow analysis, industrial ecology, and circular economy.

This inaugural volume is devoted to life cycle assessment research and its application which naturally complement each other. In this spirit, the journal will be published regularly twice a year in January and July. The first volume comprises five manuscripts. Specifically, the presented articles can be categorized into the following groups :

- Critical review
- Promoting sustainability via life cycle thinking
- Life cycle assessment
- Life cycle costing

We are very thankful to authors who contribute to this very first issue of the journal. We are certain that this issue will be followed by many others, reporting new development in the life cycle assessment research. This issue would not have been possible without the great support of the Editorial Board members and anonymous reviewers and we would like to express our sincere thanks to all of them.

It is our hope that these fine collections articles will be a valuable resource for IJoLCAS readers and will stimulate further research into the vibrant area of Life Cycle Assessment.

South Tangerang,

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