

INTRODUCTION

Praise to God for the blessing and protection, because of that Engineering Faculty of Warmadewa University as Conference Committee could organize an International Conference titled **The 1st Warmadewa University International Conference on Architecture and Civil Engineering (WUICACE)** and bring **SUSTAINABILITY, DESIGN AND CULTURE**” as the main theme. This conference held as part of Yayasan Kesejahteraan KORPRI Propinsi Bali (Welfare Foundation of Civil Servants Bali Province) anniversary celebration and the-33th Warmadewa University anniversary, and also celebrating the-33th Engineering Faculty anniversary. The WUICACE International Conference is the 1st ever International Conference that held by engineering faculty of Warmadewa University.

The theme “Sustainability, Design and Culture” which brought to the conference is a representation of Warmadewa University Basic Scientific Patterns (PIP) that based on Tourism Environment, Design, and Culture. Through this International Conference, the committee was hope it could find academics thinking that produce construction planning concept which consider about environmental and local wisdom aspects.

The committee would like to say thank you, as a symbol of gratitude to all people who involved and support the event, more specifically to all participants who donate their thinking through academics writings. The committee was hope that this proceeding could give benefits by improving insights about Tourism Environment with Local Wisdom based on infrastructure concept and implementation.

Denpasar, October 20th 2017

Redactor,

Official Committee

The 1st Warmadewa University International Conference on
Architecture and Civil Engineering

WELCOMING SPEECH BY RECTOR OF WARMADEWA UNIVERSITY

Honorable Keynote Speakers, Contributors, and Moderators

Distinguished participants and guests,

Ladies and Gentlemen; Om Swastyastu; Assalamualaikum Warahmatulahi Wabarukatu; Peace for us all; Namu Budaya. It gives me a great pleasure to welcome all of you and to offer a few words this morning at the opening of The 1st Warmadewa University International Conference on Architecture and Civil Engineering. This conference is expected to be a very inspiring scientific forum and can be optimally used as tools for intensive dialogue and communication to explore various thoughts and creative ideas on Architecture and Civil Engineering.

I believe this conference will enrich your insight, especially in the area of the development of architecture designs which environmentally-friendly and based on local wisdom. This forum is also expected to be a manifestation of commitment and brainstorming platform for academics to implement the concept of sustainability, design, and culture in the field of civil engineering and architectural engineering. With the presence of academics, bureaucrats, professionals, and students at today's Conference forum, we are optimistic to be able to find a proper formula related to the concept of planning and developing environmentally-friendly designs that are relevant to the conditions of Bali province in particular and Indonesia in general. We have great challenges and today we have an opportunity before us to learn from the best experts in this field, and by sharing our experiences, I hope we can elaborate the topics into concrete and practical solutions.

I also would like to take this opportunity to express my sincere thanks to all of you for the initiative in sharing a common understanding; on how important, we, as human being to build and preserve the environment. This initiative deserves to be awarded, given the theme of the conference that holds consistency of our University's vision and commitment to become the center of environment and tourism based knowledge. Special appreciation also goes to the organizing committee for all your efforts preparing this event.

Finally, I would like to welcome all participants and wishing you a great experience and essential knowledge.

Thank you

Om, Shanti, Shanti, Shanti Om

Wassalamu'alaikum Warrahmatullahi Wabarrakatuh

Peace for all of us

CHAIRMAN REPORT

My great honor to Keynote Speakers
Honorable Contributors and Moderators
Rector, vice rector, and all the Dean of Faculty in Warmadewa University, that I respect
Participants of the Conference, Lecturers and Conference Organizers that I am proud of;

It is both an honor and a privilege to deliver this statement, as Chairman of **The 1st Warmadewa University International Conference on Architecture and Civil Engineering**. We really appreciate all of you attending this international conference.

Ladies and gentlemen,

Construction and technology development gives many chances and opportunity for all architects and civil engineers to work creatively in developing their ability to arrange a sustainable building construction and planning which keep staying on local wisdom principal. Sustainability, design, and culture represent how construction and technology development should be considered in practical life. If architect and civil engineer can unify and do that entire three, it will change people perspective that building construction always harms the nature, that's why this conference held and created that focus on how we should design and construct environmentally friendly.

In this conference will discuss some aspects related to the process and the result of construction infrastructure, which is classified in design, culture and sustainability

Keynote speakers in this conference and professional practitioners will share the creation and their research on their own field:

1. The Expert in Remote Sensing and Satellite data, **Prof. Tasuku Tanaka**, from Yamaguchi University, Japan
2. Professor in Transportation field, **Prof. Agus Taufik Mulyono**, from Gadjah Mada University, Indonesia
3. **Mr. Charlie Hearn**, The Principle Architect of Inspiral Architect, responsible for the amazing structure and creativity in Bali.
4. Astd. Prof. of Architecture and Landscape Design, **Mr. Anoop Kumar Sharma**, from Shri Mata Vaishno Devi University, India

In addition, 43 articles including architects and civil engineers, also over than 650 participants will enjoy discussion and share much knowledge through this event, moreover, 1 article has been accepted in Journal of Sustainable Development, 2 articles in reviewing at JSD journal and the other 45 article will be published as proceeding.

This conference is a continuous effort between the Department of Civil Engineering and Architecture at Warmadewa University to facilitate and support dialogue and discussion about the advancement of Design, culture, and sustainability collaboration, by provides an excellent opportunity and serves as the information exchange platform for researcher, latest developments and findings from foreign country.

We try everything, so that we can give unforgettable experience to you. We do really open and welcome to your feedback, advice, and suggestion to make this event even better and bigger. This conference is an annual event that we believe will lead to the fruitful effort in the coming years. And the last, our sincere thanks are to:



- Engineering Faculty in Warmadewa University
- WUICACE committee
- Sponsors, donators, and contributor

Without their supports, and assistance, this conference would not become possible.

Finally, I would like to welcome all of you and wishing you a great experience and essential knowledge.

Thank You

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