

AARC 2023

Asia Australasia Road Conference



2nd Announcement

ASIA AUSTRALASIA ROAD CONFERENCE

ADVANCED TECHNOLOGY IMPLEMENTATION TOWARDS SUSTAINABLE ROAD DEVELOPMENT

24th - 27th August 2023

09.00-21.00 Central Indonesia Time (UTC +8)

Labuan Bajo - Indonesia



Ministry of public works
and Housing



Road Engineering
Association of Asia
and Australia



World Road Association



Indonesia Road
Development
Association

Message from Director General of Highways, the Ministry of Public Works and Housing, the Republic of Indonesia and the Head of IRDA



Hedy Rahadian

Greetings to all the officers and members in this conference in commemoration of Road Engineering Association of Asia and Australasia (REAAA) 50th anniversary in conjunction with PIARC seminar and IRDA seminar.

It is a great honor for us along with Indonesian Road Development Association (IRDA) to be hosting this prominent conference that not only promotes innovative ways in road-related engineering, but also practices cutting-edge services that create productive technological shares within the industry. This conference marks revolutionary breakthroughs in the fields of road engineering by ushering in innovative development through digitization.

This is a challenge for all of us as we continue to develop and improve our skills, practices and ways that reflect our industry and impacts on our communities by allowing the adaptation of technological movements in the completion of various tasks and projects.

Our chosen theme, "Advanced Technology Implementation towards Sustainable Road Development," emphasize the necessity to continue embracing latest technologies and seek innovation that can make infrastructure operations more efficient and sustainable in line with our collective quest to provide quality roads for all. The indispensable role that technology plays has long been proven by its significant contributions in numerous industries, including the growth of the construction industry. Breakthrough technologies are now revolutionizing the way the sector functions, bringing in major developments in planning, design, and construction roadways towards green infrastructure.

Simultaneously it also helps us to achieve our organizational vision on the realisation of a reliable, integrated, and sustainable road network system with adequate mobility, accessibility, and safety in all the national regions to support economic growth and social welfare.

I would like to thank all the member countries for your participation in this conference to promote technology advance in the field of road engineering. It is an honor for our country, the Republic of Indonesia, to be the venue for this conference. Indeed, fostering a culture of knowledge-sharing is a vital step to further equip member countries with the appropriate skills needed to be better nation-builders in the years to come.

Message from President of REAAA



Sung - Hwan Kim

Greetings to all the committee and members of Road Engineering Association of Asia and Australasia (REAAA). As a president of REAAA, it is such an honour to be in this organization that encourage all the members, developing professional, and commercial links within between countries in the region in the Asia Pacific region to promotes the science and practice of road engineering in this era.

Congratulations for 50th REAAA Anniversary. The continuity of our organization through 50 years, nowadays we faced this new transformation of digital era, bringing new revolutionizing in digital and technology.

Our chosen theme, **“Advanced Technology Implementation towards Sustainable Road Development”** will be reviewed further in the session of this event. Technology is always experiencing the development breakthrough. Implementation technology of sustainable road is also designed or their entire lifecycle, from planning through construction, maintenance, and eventual decommissioning. Construction and maintenance of roads nowadays also are performed considering only technical conditions without giving a main role to the environmental impact.

As our vision to be the most effective regional organization providing members with technology interchange, transfer and services to promote a better future in road-related engineering, let us continue to raise the bar of our professional development to ensure that our members are knowledgeable about advanced technology is on a par with the best in the world.

Message from President of PIARC



Nazir Ali

Greetings to the officers and members in this conference being held in commemoration of Road Engineering Association of Asia and Australasia (REAAA) 50th anniversary in conjunction with PIARC seminar and IRDA seminar.

Sustainable road construction involves planning designing and building and maintaining roads in order to limit their impact on the environment to the most minimum through different sustainable practices. The goal itself to maximize the lifetime of a highway or a roadway while restricting the energy and environmental.

Through the years we have witnessed the development of technology in improving the sustainable development of roads.

The 50th REAAA Anniversary Asia Australasia Road Conference is an event that represents the aspiration of all the organizations to continue and develop sustainable road development and to share professional knowledge across international boundaries, which is PIARC's mission.

The theme of this conference is "Advanced Technology Implementation towards Sustainable Road Development". This notes the need to consider implementation throughout the roads' lifecycle including the technology, from conception, construction, operations and maintenance too. Sustainable road development aims at offering people with safe and comfortable transportation choices in all occasions.

May this conference renew your sense of purpose to develop the role and contribution of sustainable road development and to further advance the knowledge itself. Congratulations and best of luck for REAAA 50th Anniversary.

ORGANIZATION

DGH, THE MPWH, THE REPUBLIC OF INDONESIA IN BRIEF

DGH (Directorate General of Highways), is an implementing unit at the Ministry of Public Works and Public Housing of the Republic of Indonesia. It has tasks of carrying out the formulation and implementation of policies in the field of road, bridge, and tunnel management in accordance with applicable legislation, consisting of 1 (one) secretariat and 8 (eight) directorates along with 37 Technical Implementation Units which are spread across Indonesia

REAAA IN BRIEF

REAAA is the Road Engineering Association of Asia and Australasia, which promotes the science and practice of road engineering and related professions in the Asia Pacific region through developing professional and commercial links within and between countries in the region, was set up in June 1973 with a permanent secretariat in Malaysia, where it has more than 1,400 members in about 24 countries and holds regular events including an annual heads of road authorities (HORA) meeting, a triennial international conference, technical visits and study tours, trade exhibitions, seminars, forums and workshops.

PIARC IN BRIEF

PIARC (Permanent International Association for Road Congresses) is a World Road Association, founded in 1909 and comprising 124 member governments from all over the world, is the global forum for the exchange of knowledge and experience on roads and road transport policies and practices. The Association is contributing to a stable and sustainable global development of the road and transport sector.

IRDA IN BRIEF

IRDA (Indonesian Road Development Association), as known as HPJI (Himpunan Pengembangan Jalan Indonesia) in Indonesia is a professional organization for practitioners, planners, and development workers for roads and transportation systems. IRDA has grown with the formation of 33 Regional Executive Boards throughout Indonesia, all of which are now independent, with the hope of contributing to local governments. From a quality aspect, IRDA's membership grew rapidly starting from 150 people in 1975, now it has grown to more than 22,000 members spread throughout Indonesia.

THEME

ADVANCED TECHNOLOGY IMPLEMENTATION TOWARDS SUSTAINABLE ROAD DEVELOPMENT

Infrastructure plays an important role in supporting economic growth. Referring to the publication of the World Bank in 2021, access to infrastructure plays an important role in unraveling the barriers created by lack of infrastructure to economic growth. The road, as a part of transportation infrastructure, provides a multiplier effect. It increases connectivity, improves accessibility, as well as stimulating equitable development and regional economic growth.

For all of its benefits, there are environmental impacts caused by road infrastructure. All phases of road development from construction and use by vehicles to maintenance affect physical and chemical soil conditions, water flow, and air and water quality, as well as plants and animals. Roads and traffic can alter wildlife habitats, cause vehicle-related mortality, impede animal migration, and disperse non-native pest species of plants and animals. Integrating environmental considerations into all phases of transportation is an important, evolving process. Realizing this, sustainability in road development becomes a strategic issue.

A sustainable road development should satisfy the lifecycle functional requirements of societal development and economic growth while striving to enhance the natural environment and reduce the consumption of natural resources. The sustainability characteristics of a highway or roadway project should be assessed and considered for implementation throughout its lifecycle, from conception through construction, operations, and maintenance.

Sustainable road development should be addressed with the understanding that roads are one part of transportation infrastructure, and transportation is one aspect of meeting human needs. In addition to addressing environmental and natural resource needs, the development of a sustainable highway should focus on access (not just mobility), moving people and goods (not just vehicles), and providing people with transportation choices, such as safe and comfortable routes for walking, cycling, and transit.

To improve sustainability in road development, advanced technology has provided more effective ways of planning, designing, constructing, maintaining, and evaluating public infrastructure, particularly road infrastructure. Green road approach, cold mix technology, appropriate soil bioengineering techniques, eco-friendly manufacturing of noise-reducing asphalt, and smart roads are some of the advanced technologies which can be adopted in road development. Ultimately, the advancement of technology and innovation will shape the future in



ABOUT THE EVENT

In 2023, REAAA will celebrate its 50th anniversary. To commemorate its anniversary, REAAA in collaboration with PIARC hosted by IRDA and DGH Ministry of Public work and Housing Indonesia will conduct a series of activities consisting of:

- 1 The 24th REAAA Young Engineers Professional (YEP) Meeting**
- 2 The 120th REAAA Council Meeting**
- 3 The 13th Heads of Road Authorities (HORA) Meeting**
- 4 The 10th REAAA Business Forum**
- 5 REAAA Golden Jubilee - 50 Years Anniversary Celebration**
- 6 Keynote Speakers**
- 7 Road Engineering Conference**
- 8 Technical Visit**
- 9 Cultural Visit**
- 10 National and International Exhibition**

These activities are intended for local authorities, administrators, the private sector, those responsible for road traffic and safety, design engineers, design consultants, road network administrators, contractors, control and thecnical assistance consultants, academics, researchers, engineering students, businesses, and professionals. For more information please visit:

www.aarc2023.co.id

ABOUT THE EVENT

1. REAAA 24th Young Engineers Professional (YEP) Meeting

The REAAA 24th Young Engineers Professional (YEP) Meeting drives engagement of young engineers experts representing REAAA member countries through activities that hoped can play an active role in providing fresh thoughts for the future development of the REAAA organization and the development of road engineering in Indonesia. YEP is important to continue the development agenda, share knowledge and learn from mistake to move forward together.

2. The 120th REAAA Council Meeting

The 120th REAAA Council Meeting will be held in Bali with the REAAA 50th Anniversary. It is hoped the results of this activity include encouraging the involvement of member countries to be active in the success of the REAAA conference including a technical program, welcome reception, and farewell dinners.

3. The 13th Heads of Road Authorities (HORA) Meeting

The 13th Heads of Road Authorities (HORA) Meeting is an opportunity for senior government officials to share their experiences carrying out private-public projects in road networks. Members of HORA from each countries represented must presented reports or ongoing projects in their jurisdiction.

4. The 10th REAAA Business Forum

REAAA Business Forum is designed to facilitate road sector business-to-business collaboration. For the 10th REAAA Business Forum, the forum aims to address the challenges of implementing Technology 4.0 in road infrastructure projects by providing a platform for discussing technical, financial, and policy aspects of adopting these technologies.

5. REAAA Golden Jubilee - 50 Years Anniversary Celebration

the 50th Anniversary Celebration contains Golden Jubilee Gala Dinner and the international celebration marking the 50th Years Anniversary of REAAA with activities including performances by members, guest star, and announcement of appreciation to REAAA long service Council Members, Fundraising, and Sponsors.

6. Keynote Speakers

The program will include keynote speakers and presentations from international and local experts, practitioners in the construction and development of sustainable road infrastructure utilizing advanced technology.

ABOUT THE EVENT

7. Road Engineering Conference

Technical Sessions will showcase the abstracts of technical papers created by authors from academia and professionals, locally and internationally about innovations, ideas, and technologies in the field of road infrastructure and become a forum for exchanging information in the field of road engineering.

8. Technical Visit

Technical Visit is intended to facilitate the exchange of knowledge between international organizations and the participating members of REAAA by visit the specified place. Attendees at the conference may participate in the Technical Visit to **Labuan Bajo-Tanamori Road and Widening of Labuan Bajo-Waekelambu Road.**

9. Cultural Visit

Visiting a destination while emphasizing the immersion of Labuan Bajo culture. Starting from culinary, fine arts, sights that cannot be found in other areas in Indonesia such as Kelimutu National Park, Kelor Island, Bidadari Island, Rangko Cave, etc. .

10. National and International Exhibition

The exhibition is the heart of AARC 2023 where everyone attending will gather and interact in the main hallway of Meruroah. We are expecting a diverse group of businesses, entrepreneurs, academics, investors, and start-ups to attend the event.

11. Golf Tournament

Golf tournament will be held to extend Indonesia's warm invitation as part of the AARC 2023 which will take place on August 23rd 2023 at Bali National Golf, Nusa Dua, Indonesia..

ROAD ENGINEERING CONFERENCE

1. CONFERENCE OVERVIEW

- In commemoration of the 50th anniversary of the Road Engineering Association of Asia and Australasia (REAAA), the Directorate General of Highways of the PUPR ministry in collaboration with the Indonesian Road Development Association (HPJI), REAAA, and the World Road Association (PIARC) is holding the **Asia Australia Road Conference 2023**.
- Carrying the theme "**Advanced Technology Implementation Towards Sustainable Road Development**", this activity aims to share knowledge and experience of local and international experts and practitioners in the construction and development of sustainable road infrastructure by utilizing advanced technology.
- This series of events consists of:
 - Road Engineering National Conference (in collaboration with REAAA)
 - The 120th REAAA Council Meeting
 - REAAA 24th Young Engineers Professional (YEP) Meeting
 - The 13th Heads of Road Authorities (HORA) Meeting
 - The 10th REAAA Business Forum
 - REAAA Golden Jubilee (The 50th REAAA Anniversary)
 - Exhibition
 - Site visit and cultural visit
 - Golf tournament at Bali National Golf, Nusa Dua, Indonesia
- These events are intended for local and international authorities, administrators, the private sector, those responsible for road traffic and safety, design engineers, design consultant, road network administrators, contractors, control and technical assistance consultants, academics, researchers, engineering students, businesses, and professionals.

2. TECHNICAL

- Although there are differences in COVID-19 restrictions between countries, the seminar will be organized face-to-face (on-site). The conference will cover a variety of topics.
- The Asia Australasia Road Conference will be held for spans five days from technical conference, workshops, business forums, young and professional meeting, to exhibition with the following details:
 - Day 1- Wednesday, 23rd of August 2023
 - The 24th REAAA Young Engineers Professional (YEP) Meeting
 - Golft Tournament at Bali National Golf, Nusa Dua, Indonesia

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- Day 2 - Thursday, 24th of August 2023
 - The 120th REAAA Council Meeting
 - The 13th Heads of Road Authorities (HORA) Meeting
 - Day 3 - Friday, 25th of August 2023
 - The 10th REAAA Business Forum
 - Road Engineering Conference
 - REAAA 50th Anniversary Celebration (Gala Dinner)
 - Day 4 - Saturday, 26th of August 2023
 - Road Engineering Conference
 - Day 5 - Sunday, 27th of August 2023
 - Technical Visit and Cultural Visit
 - Each session featuring several presentations from members of the technical committee as well as Indonesian and international experts. Attendees at the conference may participate in the **Technical Visit to Labuan Bajo-Tanamori Road and Widening of Labuan Bajo-Waekelambu Road**.
 - For registration can be done with the following link: aarc2023.co.id

3. CONFERENCE TOPICS

- Contributions are invited to participate only on the topics listed below:
 - New and Innovative Pavement Design, Maintenance/Repair Material
 - Road Safety
 - Resilience and Disaster Management for Road and Climate Change
 - Geotechnic, Bridge, and Tunnel
 - Transport and Highway Planning, Geometric of Road, and Accessibility
 - Transport Administration and Strategic Improvisation of Project Management
 - Asset Management and Digital technology in Road Network.

4. LANGUAGE

- The official language of this conference will be English.

ROAD ENGINEERING CONFERENCE TOPICS

A New and Innovative Pavement Design & Maintenance/Road Pavement Recycling

This topic focuses on topics related to innovative methods and procedures for maintenance, the use of innovative materials in pavement structure layers, the identification of solutions for maintaining the availability during maintenance, and the future use of data-driven approaches for the monitoring of pavements. The analysis might consider the aspects of sustainability (recycling and carbon footprint).

B Road Safety

This topic explores proven countermeasures that are effective in reducing the likelihood and severity of crashes, safe road design and network, road safety management capacity strategies, and plans supported by robust data collection and evidence-based. Furthermore, it forges links with the relevant sectors to assemble knowledge of transportation safety and security issues and their contribution to system resiliency.

C Resilience and Disaster Management for Road and Climate Change

It is identified that traffic operations minimize the health impact of vehicle emissions. In this case, this topic explores the improvement of pavement design, construction, and maintenance to reduce traffic noise. Also, understanding the road and road transport impact on wildlife habitats and their interconnections is essential for road construction to be implemented in an area affluent with a natural environment. In such cases, it is important to identify hazards and environmental threats within the context of road infrastructure resilience, establishing proactive disaster management system such as disaster management techniques that use big data and social network data to create an infrastructure development that focuses on quality, environmental sustainability, and aesthetics as well as hydrology.

D Geotechnic, Bridge, and Tunnel

The subject of resilience also plays a major role in the field of geotechnical, bridges, and tunnels. This topic focuses on the identification of technologies and innovations in bridge and tunnel construction and maintenance, the development of procedures and methods for bridge inspections and the implementation of new technologies, operating and ensuring the safety of users of bridge and road tunnels, and strengthening slope stability and slope protection to prevent slope collapse.

E Transport and Highway Planning, Geometric of Road, and Accessibility

Within the concept of sustainability in transport network planning and also related to accessibility and equity, it is important to identify, investigate, and document the social value of transport as well as deepen the relationship between transport investments and economic growth. In terms of technical aspects, this topic explores the use of new tools to reconsider design parameters and geometric models, accessibility and technical solutions for roads in rural areas, and identification of challenges, opportunities, management, and monitoring in the mobility sector.

F Transport Administration and Strategic Improvisation of Project Management

This theme focuses on identifying best practices for establishing a framework for measuring the efficiency and effectiveness of Transport Administrations, including the establishment of assessment indicators/evaluation indexes for improving the overall performance of transport administration. In addition, it also explores the use of software for improving and optimizing projects, strategies to accelerate project delivery and reduce project lifecycle cost, and the identification of how well-prepared projects contribute to a culture of transparency and accountability.

G Asset Management and Digital Technology in Road Network

Implementing and integrating an asset management framework are developed based on international standards so that road organizations manage their performance, risks, and costs more effectively and efficiently. In this case, this topic will explore the guidelines for implementing the asset management system. This topic will explore not only asset management but also the resilience of road networks and the renewal and rejuvenation of aging infrastructure.

KEYNOTE SPEAKERS



Topic

**Investment and Technology Opportunity
in Indonesia's New Capital City**

Bambang Susantono, Ph.D.*

Head of the Nusantara Capital Authority

*to be confirmed

Topic
**Environmental Sustainability
in Road Infrastructure**

Dr. Sung-Hwan Kim

President of REAAA



Topic

Green Financing for Road Development

Nazir Ali

President of PIARC

ROAD ENGINEERING CONFERENCE

INTERNATIONAL INVITED SPEAKERS



Topic A

New and Innovative Pavement Design & Maintenance / Road Pavement Recycling

Dr. Auckpath Sawangsuriya

Senior Civil Engineer, Department of Highways, Thailand

Tommy E Nantung Ph.D PE

Manager for the Indiana Department of Transportation



Topic B

Road Safety

Prof. Shaw Voon Wong

Professor, Department of Mechanical and Manufacturing Engineering, Universiti Putra Malaysia



Topic C

Resilience and Disaster Management for Road and Climate Change

Toby Brennan & Shamas Bajwa

KIAT (Indonesia Australia Initiative)



Topic D

Geotechnic, Bridge, and Tunnel

Yong Bae Kwon

Team Leader of IKN Immersed Tunnel, Yooshin



Topic E

Transport and Highway Planning, Gometric of Road, and Accessibility

To Be Confirmed

Transport Specialist from ARUP



Topic F

Transport Administration and Strategic Improvisation of Project Management

Toru Tsuchihashi

Highway Engineer, Planning and Coordination Division, Team 1 Transportation and ICT Group, Infrastructure and Peace building Department, JICA



Topic G

Asset Management and Digital Technology in Road Network

Kazuya Aoki

Adjunct Associate Professor, Kyoto University

AGENDA - SCHEDULE OF EVENT



**Advanced Technology
Implementation
Towards Sustainable
Road Development**



Date & Day	Time (GMT+8/WITA)	Activity	Participant	Location	
Wednesday, 23 rd August 2023	08:00 - 16:30	Directorate General of Highways Internal Meeting	Directorate General of Highways	ITDC Tanamori	
	18:30 - 21:00	The 24 th REAAA YEP Meeting	REAAA YEP Meeting Participant	Meruorah Hotel	
Thursday, 24 th August 2023	08:30 - 09:00	Exhibition Opening	Limited Participant	Meruorah Hotel	
	09:00 - 12:00	The 120 th REAAA Council Meeting	REAAA	Meruorah Hotel	
	12:00 - 13:00	Break	All participant	Meruorah Hotel	
	13:00 - 16:30	The 13 th REAAA HORA Meeting "REAAA Contribution to Road Development in Each Member Country"	REAAA	Meruorah Hotel	
	17:00 - 20:00	Welcoming Reception	REAAA, PIARC, and Executive	Meruorah Hotel	
Friday, 25 th August 2023	08:30 - 09:00	Opening Ceremony	All Participant	Meruorah Hotel	
	09:00 - 09:45	Keynote Speaker (Ballroom) 1. Investment and Technology Opportunity in Indonesia's New Capital City (Bambang Susantono, Ph.D - Head of Nusantara Capital City Authority) *TBC	All Participant	Meruorah Hotel	
	09:45 - 10:30	2. Environmental Sustainability in Road Infrastructure (Dr. Sung-Hwan Kim - President of REAAA)	All Participant	Meruorah Hotel	
	10:30 - 11:15	3. Green Financing for Road Development (Nazir Alli - President of PIARC)	All Participant	Meruorah Hotel	
	11:15 - 13:00	Break	All participant	Meruorah Hotel	
	Pararell Room:				
	13:00 - 17:00	1. The 10th REAAA Business Forum Theme: Knowledge Sharing "The Implimentation of Technology 4.0 to Deliver Sustainable Road Infrastructure"	State-Owned Enterprises & Business Partners	Meruorah Hotel	
		2. Technical Sessions Topic A: New and Innovative Pavement Design & Maintenance/ Road Pavement Recycling Topic B: Road Safety Topic C: Resillience and Disaster Management for Road and Climate Change Topic D: Geotechnics, Bridge and Tunnel	All participant	Meruorah Hotel	
	18:30 - 22:30	The 50 th REAAA Anniversary Celebration	All participant	Meruorah Hotel	
	Saturday, 26 th August 2023	09:00 - 09:30	Opening by REAAA Technical Committee	All participant	Meruorah Hotel
09:30 - 12:00		Technical Session: *Continue previous session Topic A: New and Innovative Pavement Design & Maintenance/ Road Pavement Recycling Topic B: Road Safety Topic C: Resillience and Disaster Management for Road and Climate Change Topic D: Geotechnics, Bridge and Tunnel	All participant	Meruorah Hotel	
		*New Session Topic E: Transport and Highway Planning, Geometric of Road, and Accessibility Topic F: Transport Administration and Strategic Improvisation of Project Management Topic G: Asset Management and Digital Technology in Road Network			
		12:00 - 13:00			Break
		13:00 - 15:00			Technical Session (Continue previous Session)
15:00 - 15:15		Break			
15:15 - 17:30		Technical Session (Continue previous Session)			
17:30 - 18:00		Closing Ceremony	All participant	Meruorah Hotel	
Sunday, 27 th August 2023	Pararell Event:				
	09:00 - end	1. Technical Visit (Labuan Bajo - Tanamori Road & Widening of Labuan Bajo -Waekelambu Road)	All Participant	Labuan Bajo - Tanamori Road & Widening of Labuan Bajo - Waekelambu Road	
		2. Cultural Visit	Optional via registration and the fee is exempted from registration fee	Komodo Island, Pink Beach, and Padar Island	
	3. IRDA Senior Official Meeting	IRDA Members	Meruorah Hotel		

ROAD ENGINEERING CONFERENCE

SCHEDULE

	Room 1 - A	Room 2 - B	Room 3 - C	Room 4 - D	Room 5 - E	Room 6 - F	Room 7 - G
Topic	New and Innovative Pavement Design & Maintenance / Road Pavement Recycling	Road Safety	Resilience and Disaster Management for Road and Climate Change	Geotechnic, Bridge and Tunnel	Transport and Highway Planning, Geometric of Road, and Accessibility	Transport Administration and Strategic Improvisation of Project Management	Asset Management and Digital Technology in Road Network
International Expert	Auckpath Swangsuriya, Thailand (PIARC) Tommy E Nantung, Manager for the Indiana Department of Transport, USA	Prof. Shaw Voon Wong (MIROS) Malaysia	Tobby Brennan & Shamas Bajwa, (KIAT)	Yong Bae Kwon, KEXIM Yooshin	<i>transport Specialist from ARUP (TBC)</i>	Toru Tsuchibhashi, JICA	Kazuya Aoki Kyoto University
Indonesian Expert	Prof. I Nyoman Arya Thanaya <i>Improving the Performance of Cold Asphalt Emulsion Mixes</i>	Dr. Tri Tjahjono <i>Road Safety Audit in Developing Counties</i>	Dr. Arie S Moerwanto <i>Lesson Learn from Landslide Mitigation for Road Administrator</i>	Prof. Ir. Widjojo Adi Prakoso <i>Design of Foundations on Rock Masses</i>	Dr. IGW Samsi Gunarta <i>The Study of Pedestrian Facilities and Measures for Indonesian Urban Area</i>	Dr. Herry TZ <i>Public Private Partnersio on Road Development in Indonesia</i>	Ir. Rachman Arief <i>Development of Indonesian Road Management System</i>
Date	25 th August 2023 - 26 th August 2023	25 th August 2023 - 26 th August 2023	25 th August 2023 - 26 th August 2023	25 th August 2023 - 26 th August 2023	26 th August 2023	26 th August 2023	26 th August 2023
Location	Meruorah Hotel	Meruorah Hotel	Meruorah Hotel	Meruorah Hotel	Meruorah Hotel	Meruorah Hotel	Meruorah Hotel

SELECTED PAPERS

TOPIC	PAPER CATEGORY	SUBMITTED	APPROVED FOR ORAL PRESENTATION
A	NEW AND INNOVATIVE PAVEMENT DESIGN MAINTANANCE/REPAIR MATERIAL	26	20
B	ROAD SAFETY	17	14
C	RESILIENCE AND DISASTER MANAGEMENT FOR ROAD AND CLIMATE CHANGE	11	11
D	GEOTECHNIC, BRIDGE, AND TUNNEL	33	20
E	TRANSPORT AND HIGHWAY PLANNING, GOMETRIC OF ROAD, AND ACCESSIBILITY	14	12
F	TRANSPORT ADMINISTRATION AND STRATEGIC IMPROVISATION OF PROJECT MANAGEMENT	14	11
G	ASSET MANAGEMENT AND DIGITAL TECHNOLOGY IN ROAD NETWORK	12	13
TOTAL		127	101

TOPIC A : NEW AND INNOVATIVE PAVEMENT DESIGN MAINTANANCE / REPAIR MATERIAL

Auckpath Swangsuriya, Thailand (PIARC) & Tommy E Nantung Ph.D PE (INDOT)

Prof. I Nyoman Arya Thanaya

Improving the Performance of Cold Asphalt Emulsion Mixes

(A-20)	Kazetoki Okazaki	<i>Preventive Maintenance And Repair Technologies On Japanese Expressways</i>
(A-19)	Khairil Hafiz Yahya	<i>Latex Emulsion Crack Sealant as Alternative Repair Material for Road Pavement: A Case Study in Malaysia</i>
(A-18)	Md Yunus Ab Wahab (Phd)	<i>Pavement Performance Evaluation Of Hot Mix Asphalt Reinforced With Aramid And Polyolefin Fibres In Malaysia</i>
(A-24)	Sek Yee Teh	<i>Performance Evaluation Of Recycled Asphalt Mixtures Containing 30% Reclaimed Asphalt Pavement (Rap) Reinforced With Aramid And Polyolefin Fibers</i>
(A-17)	Madi Hermadi	<i>Developing New Chemical-Rheological Models Of Bitumen</i>
(A-42)	Ervina Ahyudanari	<i>Enhancing Heating Energy Efficiency Evaluating Natural Zeolite Utilization for Aggregate Mixing and Pure Asbuton Extraction</i>
(A-13)	Ts. Suhaimi Bin Mat Saad	<i>Study Of Optimal Network-Level Pavement Management For Bus Rapid Transit Infrastructure Along Skudai Corridor In Iskandar Malaysia, Johor.</i>
(A-44)	Bertho Orbain Sowolino	<i>Determination of Weight Components Program Performance Indicators National Road Conditions In Indonesia</i>
(A-30)	Kazuya Tomiyama	<i>Consistency Of International Roughness Index And Vehicle Interaction In Ride Quality Evaluation For Expressway Pavements</i>
(A-50X)	Ryandra Narlan	<i>Automated Pavement Defect Detection Using Yolov8 Object Detection Algorithm</i>
(A-34)	Marei Inagi	<i>Waveband Analysis Of Road Surface Roughness Based On Mental Stress Of Users Considering Vehicle Driving Speed</i>
(A-43)	Dzakiiyyul Fahmi	<i>Flexible Pavement Performance Based On The Accelerated Pavement Test</i>
(A-28)	Dian Novitasari	<i>Comparison Of The Effectiveness Of Cphma And Ac-Wc As Materials For Pothole Patching (Case Study: Provincial Road in East Java Region in Surabaya City, Sidoarjo Regency, and Gresik Regency)</i>
(A-47)	Sutoyo	<i>Fast And Accurate Way To Repair Damage Asphalt Road Surface Using CPHMA-Modif In Water-Prone Locations To Optimize Road Service Performance</i>
(A-52)	Kousuke Komiya	<i>Effect of Foamed Technology Using Agent in Warm Mixed Asphalt with High RAP Contents</i>
(F-03*)	Gede B. Suprayoga	<i>The Transition Towards a Circular Economy in Road Construction Materials: A Case Study of Coal Ashes, Plastics, And Rubbers in Indonesia</i>
(A-31)	Kenichi Meguro	<i>Establishment of The New Technical Standard of Binder Course for Expressways: Highly Waterproof Mixture for Binder Course</i>
(A-26)	Noor Haslinda Hamdan	<i>Sustainable Road Construction: Enhancing Pavement Performance with Waste Plastic Incorporation in Hot Mix Asphalt</i>
(A-09)	Christian Gerald Daniel	<i>Application Of The Digital Image Correlation Technique To Analyse The Stripping Resistance Of Polymer-Modified Bituminous Mixtures</i>
(A-33)	Kenichiro Sasaki	<i>Evaluation Of Walkability On Pavement Surfaces Considering The Shoe Differences Based On Electromyography</i>

TOPIC B : ROAD SAFETY

Prof. Shaw Voon Wong (MIROS) Malaysia

Dr. Tri Tjahjono

Road Safety Audit in Developing Countries

(B-29X)	Weimin Zhou	<i>Mainstreaming the iRAP into the Indonesian Roads to Enhance Road Safety for All</i>
(B-02)	Chung-Jung Yu	<i>Smart and Safety Road Management: Integrated Intelligent Road Management System</i>
(B-20)	Rafika Almira Samantha	<i>Road Safety Assessment Based on iRAP in Indonesia Case Study: Blackspots on National Road in West Sumatera</i>
(B-14)	Shinichi Kato	<i>Landslide Countermeasures at West Portal of Fumyoazan Tunnel</i>
(B-06)	Edwin Hidayat	<i>Exploring The Interrelationships Of Variables In Australian Road Tunnel Incidents Using Bayesian Networks</i>
(B-17X)	Takahiro Akagawa	<i>Evaluation of Three Median Lane Dividers for Prevention of Head-on Collisions on Two-way Two-lane Expressways in Japan</i>
(B-24)	Muhammad Imaduddin	<i>Road Safety Improvement On Jagorawi Toll Road With Road Assessment Program Using Hawkeye 2000</i>
(B-32)	Anastasia Caroline Sutandi	<i>Evaluation Of Emergency Escape Ramps Facilities On Indonesian Toll Roads</i>
(B-07)	Alfa Adib Ash Shiddiqi	<i>Study Of Road Accidents And Road Safety Campaign Performance On Indonesian Expressways</i>
(B-30)	Raden Sri Bintang Pamungkas	<i>Effect of Road Marking Application Stages on Retro-Reflectivity of Road Marking on Ciamis - Banjar - Pangandaran Road</i>
(B-18)	Galatia Arthasanauli Nainggolan	<i>Utilizing Artificial Intelligence As An Adaptive Equipment To Improve Road Safety At Curve Section</i>
(B-01X)	Eliyani Yazreen Binti A Rani	<i>Road Accident Forensic and Reconstruction: What Do We Learned?</i>
(B-11)	Andi Suriadi	<i>The Policy Of Toll Road Safety And Beautification In Indonesia</i>
(B-16)	Arthika Putri Syahfani	<i>Effectiveness of Flyovers Construction Over Railway Line in Bandung Raya (Study Case : Jl. Sriwijaya Cimahi, Jl. Gatot Subroto Cimahi dan Jl. Pajajaran/ Nurtanio Bandung)</i>
(B-10)	Dr Nobazlan Mohd Yusof	<i>Cone Collection And Laying (C2L) Machine For PLUS</i>

TOPIC C : RESILIENCE AND DISASTER MANAGEMENT FOR ROAD AND CLIMATE CHANGE

Tobby Brennan & Shamas Bajwa, KIAT (Indonesia Australia Initiative)

Dr. Arie S Moerwanto

Lesson Learn from Landslide Mitigation for Road Administrator

(C-25)	Oktozia Masniari	<i>Impact of Rapid Strength Concrete Implementation on Road Traffic Congestion & Carbon Emission</i>
(C-07)	Mohd Shahrir Amin bin Ahmad	<i>Sustainable Highway Development Through Malaysia Green Highway Index (Myghi)</i>
(C-02)	Emil Wahyudianto	<i>Rainfall Threshhold Triggering Slope Failure On The Highway In East Java And Risk Mitigation Based On A Historical Approach (Database 2000-2023)</i>
(C-14)	Masahiro Yoshikawa	<i>Causes And Countermeasures For Cut Slope Collapse By The Fukushima Prefecture Offshore Earthquake</i>
(C-18)	Yuki Shibata	<i>Efforts For Recovery From The Slope Disaster Occurred At Zushi Interchange</i>
(C-01X)	Apiniti Jotisankasa	<i>Application Of Nature-Based Solution For Resilient And Sustainable Slopes In Thailand</i>
(C-08)	Dr Rohaya Binti Abdullah	<i>Resilient Design for Disaster Management: Flood Mitigation for Prone Locations at East Coast Highway, Malaysia</i>
(C-30)	James Zulfan	<i>Two-Dimensional Numerical Investigation On Scour Around Pandansimo Arch Bridge Piers To Support Bridge Resilience</i>
(C-23)	Koji Satori	<i>A Method Of Installing Preventive Piles For Landslide In Stages To Allow Traffic To Pass Early</i>
(C-04)	Adityo Budi Utomo	<i>Efforts To Reduce Global Warming Throught The Development Of Plactic Paving Blocks As A Road Pavement Material</i>
(C-11)	Oh Ling Jia	<i>Wildlife Shepherding Works In Road Realignment Project At Lim Chu Kang, Singapore</i>

TOPIC D : GEOTECHNIC, BRIDGE, AND TUNNEL

Yong Bae Kwon, KEXIM Yooshin

Prof. Ir. Widjojo Adi Prakoso

Design of Foundations on Rock Masses

(D-31)	Hiroyuki Nakamizo	<i>Paint Repair Of Rainbow Bridge In Consideration Of Landscape</i>
(D-21X)	Yana Astuti	<i>The Concept of Defining Bridge Maintenance Program Based on Degradation of Natural Frequency (Case Study: Bunder Bridge and Sardjito Bridge)</i>
(D-10)	David Whitmore,P.Eng	<i>Extending The Service Life Of Existing Bridges Beyond 100 Years</i>
(D-44X)	Fitria Noor Azizah	<i>Dynamic Approach For Estimating Stay Cable Forces As Best Practice In Cable Bridge Systems (Case Study: Pulau Balang Bridge)</i>
(D-13)	Mikiko Yamashita	<i>Bridge Inspection Using Infrared Technology And Polarization Filters To Improve Accuracy</i>
(D-40)	Andrew Nugraha Standyanto, St, Msc	<i>Design Comparison Of Wain River Bridge On New Capital City Toll Road Section 3A: Karangjoang – KKT Kariangau</i>
(D-32)	Arya Bagus Kevin Rajendra, S.T.	<i>An Evaluation Of The Conditions Of Indonesian National Road Bridges Due To Overloaded Vehicles</i>
(D-17)	Hiomasa Kobayashi	<i>Repair And Maintenance Of The Underside Of Concrete Slab Protected With Cathodic Protection At The Anchorage Of The Ohnaruto Bridge</i>
(D-03)	Widi Nugraha	<i>Reliability Analysis Of Youtefa Steel Arch Bridge Using WIM Vehicle Load Data</i>
(D-45)	Redrik Irawan	<i>Development Of Bridge Inspection Quality Assurance For Sustainable Bridge Management System In Indonesia</i>
(D-18)	Ts Azizul Faiz Bin Abdul Aziz	<i>Acoustic Emission Signal Clustering System (AESCS) Analysing for Damage Clustering Bridge Structure</i>
(D-11)	David Whitmore, P.Eng	<i>Evaluation And Corrosion Protection Of Post-Tension Concrete Bridges</i>
(D-23)	Yusrizal Kurniawan	<i>Soil Improvement In Toll Road Development Of Semarang Demak Section 1 Project</i>
(D-09)	Deni Wiharjito	<i>Geotechnical Challenges Of Pejagan-Prupuk National Road Now And In The Future</i>
(D-24)	Muh. Saleh	<i>Drying Wetting Effect On The Mechanical Characteristics Of Bobonaro Clay (Case Study: East Nusa Tenggara Province, Indonesia)</i>
(D-42)	Panji Arrie Priyadi	<i>Liquefaction Potential Identification Based on Zonation, Soil Characteristics, and Semi-Empirical Approach (Case Study: Flyover Design in Java Island)</i>
(D-33X)	Asep Sunandar	<i>Potential Utilization Of Latex In Road Slope Surface Erosion Control With The Taplok Method</i>
(D-05)	Widi Nugraha	<i>Serviceability Evaluation Of The Bromo Glass Floor Suspension Footbridge</i>
(D-16)	Kazuyuki Murakami	<i>Consideration On Tunnel Construction Including Serpentine Rock In Four-Laning Project</i>
(D-07)	Rangga Bayu Prasetya	<i>Post-Construction Slope Stability Assessment Using 3D Numerical Modeling And Real-Time Monitoring Using Robotic Total Station At The Outlet Of Cisumdawu Tunnel</i>

TOPIC E : TRANSPORT AND HIGHWAY PLANNING, GOMETRIC OF ROAD, AND ACCESSIBILITY

Transport Specialist from ARUP (To Be Confirmed)

Dr. IGW Samsi Gunarta

The Study of Pedestrian Facilities and Measures for Indonesian Urban Area

(E-12)	Ali Aryo Bawono	<i>Enabling Clean and Smart Mobility in Indonesian Road Infrastructure to Achieve Sustainable Transport</i>
(E-05)	Herry Kurniawan	<i>Synchronizing of Road Function, Status and Class for Integrated Road Network in Indonesia</i>
(E-16)	Juang Akbardin	<i>Geometric Redesign of Road Parongpong – Ngamprah STA. 0+750 – 1+500 Based On Attraction – Generation Interzone Movement</i>
(E-17)	Ratna Andini	<i>Road Service Quality Performance Analysis From Users Perspective (Case Study: Jalan Raya Jati – Cemengkalang Sidoarjo)</i>
(E-24)	Ganjar Ratriadi	<i>Road User Perspective On Congestion Problems. A Perspective From Greater Malang Area, Indonesia</i>
(E-01)	Wahyuningsih Tri Hermani	<i>Analyzing The Impact Of The Trans Java Toll Road Network On Vehicle Speed And Travel Time In Central Java Province</i>
(E-13)	Ratna Handayani	<i>The Influence of Driver Behavior on the Effectiveness of Developing Mass Public Transportation as an Effort to Overcome Traffic Congestion in Surabaya City (Case Study: Integration of Suroboyo Bus and Trans Semanggi Surabaya Bus with Wirawiri Suroboyo Feeder)</i>
(E-25X)	Clara Agustina Galarosa Simatupang, St, Mt.	<i>Technical Guidelines Evaluation of Bridge Structures Structures for Dispensation of Road Use Requiring Special Treatment</i>
(E-06)	Ogura Kenji	<i>3-D ROW Highway Planning for Accessible Enhancement</i>
(E-19)	Dini Damayanti	<i>Evaluation Of Building Information Modeling (BIM) Implementation As A Strategy To Accelerate Planning In Toll Road Construction Projects (Case Studi Of The Sigli Banda Aceh Toll Road Construction Project)</i>
(E-28X)	Desanto Wibowo, S.T.	<i>Optimizing traffic routes by restricting direct access to Sumbu Kebangsaan Road to support a sustainable traffic system in the Ibu Kota Nusantara (IKN)</i>
(E-02)	Agah Muhammad Mulyadi	<i>Walkability Assessment Based On The Tools For Walkable City Method</i>

TOPIC F : TRANSPORT ADMINISTRATION AND STRATEGIC IMPROVISATION OF PROJECT MANAGEMENT

Toru Tsuchihashi, JICA

Dr. Herry TZ

Public Private Partnership on Road Development in Indonesia

(F-22)	Zalfa Fadilla Anjani	<i>The Implementation of Asset Recycling as An Alternative Financing Scheme for Toll Road Projects in Indonesia</i>
(F-25)	Sari Gita Wardani	<i>Managing Mega Project With Digital Construction Technology Through Project Monitoring Information System (PMIS) Dashboard : A Case Study Of Trans Sumatera Toll Road Project</i>
(F-20)	Digor Unggul Nalendra	<i>The Implementation of One Page Project Management as A Means to Monitor Project Performance (Case Study: Indonesia's New Capital City Project (Ibu Kota Nusantara (IKN))</i>
(F-28)	Imsaskia Setyawati Cassandra	<i>Sustainable Project Management For Road Development In Developing Countries: A Case Study</i>
(F-21)	Victor Boro	<i>Transport Infrastructure Technology Administration And Strategic Improvisation Of Project Management In Japan Country</i>
(F-15)	Daniel Situmorang	<i>The Implementation Of Building Information Modeling (BIM) In The Gatot Subroto Underpass Project</i>
(F-02)	New Taipei City Government	<i>Intelligent Traffic Situation Room in Digital Age</i>
(F-16)	Michel Dorval	<i>Use Of Output Based Grants For Maintaining Sub-National Roads In Indonesia</i>
(F-24)	Tisara Sita	<i>Digitalization Of Construction Progress Monitoring Using Android-Based Application "Strip Map-In" As Building Information Modeling Support</i>
(F-13)	Andria Muharami Fitra	<i>Strengthening Road and Bridge Design Through Value Engineering</i>
(F-01)	Frieska Evita Ayurananda	<i>Incorporating Value Engineering During Project Preparation For Better Infrastructure Delivery)</i>

TOPIC G : ASSET MANAGEMENT AND DIGITAL TECHNOLOGY IN ROAD NETWORK

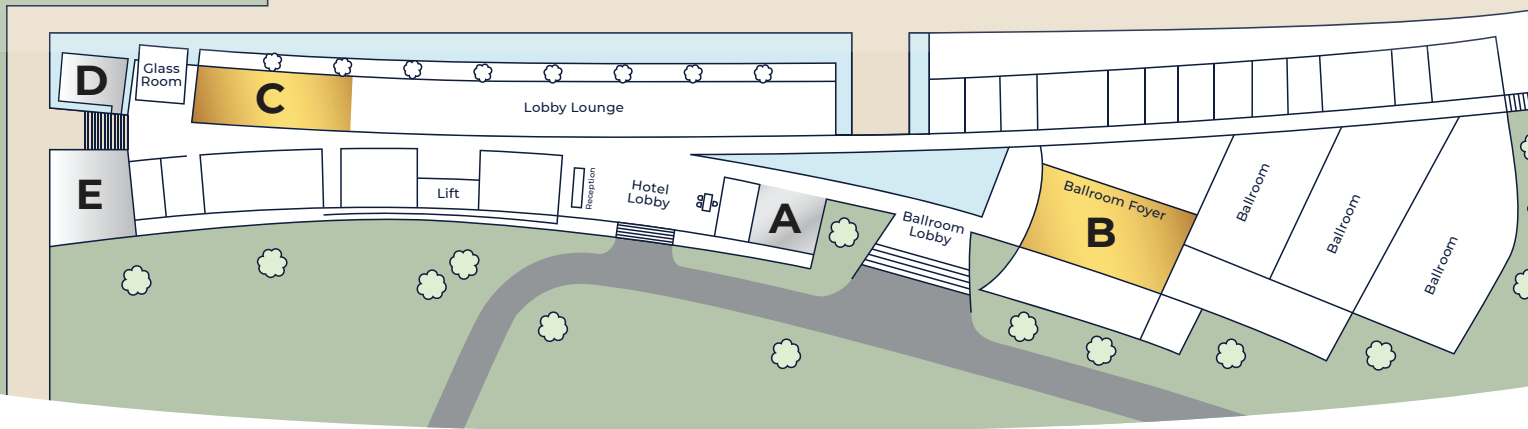
Kazuya Aoki, Kyoto University

Ir. Rachman Arief

Development of Indonesian Road Management System

(B-02)	Chung-Jung Yu	<i>Smart And Safety Road Management: Integrated Intelligent Road Management System</i>
(G-11X)	Gatot Virgianto	<i>Developing Road Asset Management System (RAMS) Using Pavement Management, Trip-based Model, And User Satisfaction Approaches</i>
(G-07)	Ir. Ts. Dr. Nadzrol Fadzilah Ahmad	<i>Maintenance Of Toll Highway In Malaysia; Expressway Performance Indicator (Epi)</i>
(G-21)	Goki Shimada	<i>The First Large-Scale Renewal Work On The Metropolitan Expressway</i>
(G-15A)	Danis H Sumadilaga	<i>A Review Of Smart Technology For Road Development In IKN (Indonesia New Capital Nusantara)</i>
(G-01X)	Halim Wiranata	<i>Evaluation of Precision and Accuracy of Mobile Mapping System (MMS) for Asset Monitoring</i>
(G-29)	Soraya Rizka Keumala	<i>Increasing Accuracy And Efficiency Of Pavement Monitoring Process Using Mobile And Web-Based Geographical Information System (GIS)</i>
(G-18)	Hyeong Taek Kang	<i>Bridge Maintenance System With Automated Inspection Equipment And BIM Platform</i>
(G-02)	Heru Tri Saksena	<i>Implementation Of Laser Scanning Technology For Digital Asset Management Of Bridges In Indonesia: A Case Study Of Pulau Balang Bridge In East Kalimantan</i>
(G-19)	Lijalem Yalew	<i>Relationship Between The Degree Of Pothole And International Roughness Index For Pavement Maintenance Prioritization</i>
(G-017)	Anjang Nugroho	<i>Vehicle Classification Based On Axle Distance In Indonesia Using Bridge Weigh-In-Motion (BWIM) Data</i>
(G-20)	Muhammad Radinal	<i>Application of Geographic Information Systems (GIS) For Analysis of Road Network Development Needs in East Tanjung Jabung Regency</i>
(G-24)	Michael Dorval	<i>Improvement of Indonesia's Road Management System</i>

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ADDITIONAL INFORMATION

 Location of The Seminar
Meruorah
Komodo Labuan Bajo

Expected Participants:
1000 on-site participants

Registration

Registration Fee*

 **USD 300**

*for all kind of attendances

Registration fee are waived for
PIARC TC member, Executive REAAA,
Executive IRDA, Seminar presenter,
and technical session presenter

If you are interested to attend the event, please fill ou the pre-registration form here:

www.aarc2023.co.id

Site Visit

Site visit will be held in Labuan Bajo-Tanamori Road and Widening of Labuan Bajo-Waekelambu Road

Business Forum Exhibition



Format:
Round Table



Booth Participant:

2

executive
booths

5

International
booths

11

National
booths

Further Information

For more information regarding entry regulations to Indonesia during the COVID-19 pandemic, please see the following links:

■ VoA

<https://kemlu.go.id/london/en/news/18631/visa-on-arrival-voa-for-foreign-travellers>

■ Visa Application

<https://www.imigrasi.go.id/en/permohonan-visa-republik-indonesia-wisata-b211a/>

■ Restrictions during Covid-19

<https://kemlu.go.id/losangeles/en/news/11727/update-indonesia-travel-restrictions>

Contact Person

 asiaaustralasia2023@gmail.com

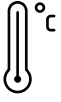


Subdit Jafung +62 812-1368-6882

GENERAL INFORMATION



Time Zone: UTC+8



August Weather in Labuan Bajo

Based on Weather Spark Data, Daily highs are around 31°C, rarely dropping below 30°C or exceeding 33°C .

source: <https://id.weatherspark.com/m/133093/8/Cuaca-Rata-rata-pada-bulan-Agustus-in-Labuanbajo-Indonesia>



Clothing Recommendation

During the conference, participants are expected to wear comfortable professional looks.

Following we attach some public facilities around and its descriptions below:



Siloam Hospital
1.9 km



Magnolia Boutique Komodo
0.08 km



Nurul Falaq Great Mosque
0.11 km



Plaza Marina Komodo
0.08 km



Komodo Airport
2.9 km



Exotic Komodo Souvenir Shop
2.7 km



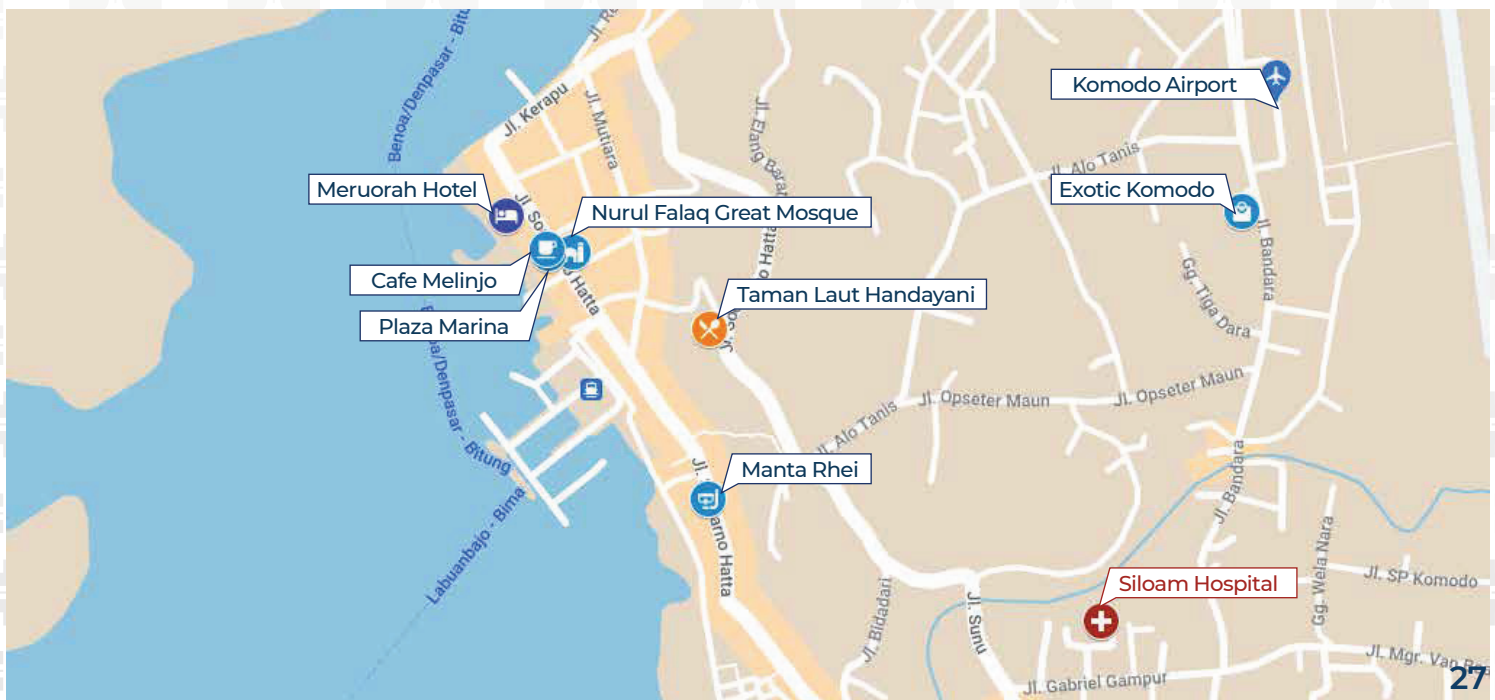
Manta Rhei Dive Center
0.55 km



Cafe Melinjo - France Flavor
0.08 km



**Taman Laut Handayani
Seafood Restaurant**
0.5 km



LOCATION



The event is planned to be held in Labuan Bajo, Indonesia.

Labuan Bajo was only a small fishing site, but flourished to become the gateway to many exotic destinations in East Nusa Tenggara. The extraordinary interest among travelers lies in Komodo Dragons or locally called ora. It is a valuable alluring factor, showcased in its superb national park. Labuan Bajo can be that ideal getaway with choices of land and sea to explore for some adventurers. There are three majorities of ethnic groups, namely the Manggarai, Bima, and Bugis. People coming from other parts of Flores, like Ende, Ngada, Maumere, live side by side with them. You can meet some of the locals in their beautiful village of Labuan Bajo.




The event will be held in Meruorah, Komodo Labuan Bajo. It is a luxury 5-star hotel that only takes an hour-long flight from Bali. From Meruorah, we can leave all cares behind and relax amidst panoramic beauty.




HOTEL AT LABUAN BAJO



**MERUORAH KOMODO
LABUAN BAJO**
Rp 2,000,000 ★★★★★



**AYANA KOMODO
WAEICU BEACH**
Rp 3,900,000 ★★★★★



**PLATARAN KOMODO
RESORT & SPA**
Rp 5,980,000 ★★★★★



**HOTEL BINTANG
FLORES**
Rp 1,200,000 ★★★★★



**THE JAYAKARTA SUITES
KOMODO FLORES**
Rp 1,350,000 ★★★★★



LA PRIMA HOTEL
Rp 1,650,000 ★★★★★



**LOCCAL COLLECTION
HOTEL**
Rp 2,300,000 ★★★★★



**LUWANSA
BEACH RESORT**
Rp 700,000 ★★★★★



**SUDAMALA
RESORT**
Rp 2,900,000 ★★★★★



**SEAESTA KOMODO
HOSTEL & HOTEL**
Rp 900,000 ★★★★★



**SYLVIA HOTEL &
RESORT KOMODO**
Rp 1,100,000 ★★★★★













**PURI SARI
BEACH HOTEL**
Rp 1,050,000 ★★★★★

*The price above is estimated based on some travel companies

✈️ FLIGHT DIRECT RATE AND DEPARTURE TIME

There are many airlines that can take you to Labuan Bajo, nevertheless during the pandemic, non-stop flights from Malaysia or Singapore are limited. Some of them require passengers to have a stop in Jakarta or Bali. From Jakarta or Bali, seminar attendees can continue their travel to Labuan Bajo by another airplane. City's cab service is very affordable, and online cabservice is also popular. Following are the daily direct flights schedule to and from Labuan Bajo.

Origin	Airline	Departure Time	Duration	Arrival Time	Price (Rp)
SURABAYA → LABUAN BAJO					
	Air Asia	15:00	1 h 30 m	17:30	1,491,000
	Super Air Jet	12:45	1 h 30 m	15:15	1,565,000
JAKARTA → LABUAN BAJO					
	Batik Air	11:40	2 h 25 m	15:05	2,260,000
		04:30	3 h 40 m	09:10	2,260,000
	Garuda Indonesia	11:00	2 h 25 m	14:25	2,520,000
DENPASAR → LABUAN BAJO					
	Batik Air	08:00	1 h 10 m	09:10	1,260,000
		11:40	1 h 10 m	12:50	1,310,000
	Air Asia	09:10	1 h 10 m	10:20	1,100,000
		15:30	1 h 10 m	16:45	1,110,000
LABUAN BAJO → JAKARTA					
	Batik Air	15:45	2 h 30 m	17:15	2,160,000
	Garuda Indonesia	15:20	2 h 15 m	16:35	2,375,000
LABUAN BAJO → DENPASAR					
	Batik Air	09:50	1 h 10 m	11:00	1,160,000
		13:30	1 h 10 m	14:40	1,160,000
	Air Asia	10:45	1 h 10 m	11:55	960,000
		17:10	1 h 10 m	18:20	960,000

*The rate we attached is estimated based on some travel companies' seasonal rate.

TOURISM AROUND LABUAN BAJO



KOMODO NATIONAL PARK

Komodo National Park is a national park in Indonesia located in East Nusa Tenggara. This is home to the famous Komodo dragons. To see the Komodo dragons you will have to join a Komodo Island tour with one of the rangers. The best time to visit the island of Komodo is in the early afternoon when the big Komodo dragons are sitting lazily in the shade and the baby dragons are wandering through the wilderness. Aside from dragons, the national park also features outstanding natural landscapes.



PADAR ISLAND

Padar Island is a part of the cluster of Komodo National Park. This small island is as exotic as Labuan Bajo. Speaking of nature, exotism, and satisfaction, this island offers them all. The combination of hills surrounding the sea and the sea itself creates harmony. When you visit in the rainy season, the hills will be covered by grass and they will look green and blue creating a beautiful landscape. It is going to be totally different if you come in the dry season because the hills will be so dry that the green view turns into a sandy one, like a beautiful savana.



RINCA ISLAND

Rinca is one of the 3 biggest islands of the Komodo National Park with Komodo Island and Padar Island. Rinca has a bigger Komodo dragon population with more around 1300 individuals living on the island. Rinca is composed of 3 different types of vegetation with savannah all around the coastline covering 70% of the island, monsoon forest with a dry tropical forest located between sea level and an altitude of 500 meters and the quasi-cloud forest above 500 meters. Being closer from Labuan Bajo than Komodo, Rinca is a better option if you want to see the Komodo dragon.

TOURISM AROUND LABUAN BAJO



WAE REBO VILLAGE

Wae Rebo or Waerebo is a remote and mysterious traditional village in Manggarai Regency, East Nusa Tenggara. Wae Rebo is one of the cultural tourism destinations in Manggarai Regency. In this village there are only 7 main houses or what is known as Mbaru Niang. Wae Rebo was declared by UNESCO as a World Cultural Heritage in August 2012 by setting aside 42 other countries.



BENA VILLAGE

Bena Village is a megalithic village located in Triwuriwu Village, Aimere District, East Nusa Tenggara. It is located on a hilltop and has characteristic of the old community of mountain worshipers as a place for the gods (ancestors). Kampung Bena is estimated to have existed since 1,200 years ago. This village has only one gate for entry and exit. In the middle of the village there are buildings called bhaga and ngadhu. Ngadhu is a representation of male ancestors while Bhaga is a representation of female ancestors



GILI LAWA DARAT ISLAND

Gili Lawa Darat is located in the Northern part of the Komodo National Park. It faces the wide and deep bay of Komodo island and offers amazing views and white sand beaches all year round. In the dry season the island almost looks brown everywhere, with parched golden brown meadows, while in the rainy season, all these changes and the island turns the color into the green with hills covered in lush.

For more information about Labuan Bajo destination, please visit this link:
www.indonesia.travel/gb/en/destinations/bali-nusa-tenggara/labuan-bajo

SEE YOU IN LABUAN BAJO

For further information about Asia Australia Conference 2023,
please kindly check:

www.aarc2023.co.id

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