Organized by:

In support with:

Second International Conference on Maintenance and Rehabilitation of Constructed Infrastructure Facilities (MAIREINFRA2)

Chairman: Hosin "David" Lee, Ph.D., P.E.

**August 9-12, 2023
Hilton Hawaiian Village Waikiki Beach Resort
Honolulu, Hawaii, USA**

http://www.maireinfra2023.org

Objectives

The Organizing Committee of 2023 MAIREINFRA cordially invites you to attend the Second International Conference on Maintenance and Rehabilitation of Constructed Infrastructure Facilities at Hilton Hawaiian Village Waikiki Beach Resort, Honolulu, USA, August 9-12 2023.

The sustainable and resilient maintenance and rehabilitation of infrastructure is becoming a key challenge in the world. The objective of this conference is to exchange technological innovations among researchers, government employees, consultants, and contractors for maintaining and rehabilitating sustainable and resilient infrastructures, which include roads, rails, bridges, and buildings. Submit an abstract in Word to maireinfra2023@gmail.com.

Call for Papers

- Submit an abstract by December 31, 2022
- Abstract acceptance by January 15, 2023
- Submit a full paper by February 28, 2023
- Paper acceptance by March 15, 2023
- Final Paper Submission by April 30, 2023

Conference themes

Track #1: Maintenance and Rehabilitation of Pavements
- Maintenance of asphalt, concrete, and block pavements
- Rehabilitation of railroad tracks
- Innovative pavement materials and design
- Pavement Management System (PMS)
- Automated pavement condition evaluations
- Recycling of asphalt and concrete materials

Track #2: Automation/Innovations in Bridge/Building Construction
- Ultra High Performance Concrete (UHPC)
- Digital construction project delivery
- Modular and accelerated construction
- AI/Drones/Robotics for construction management
- Bridge Management System (BMS)
- Building Information Management (BIM)

Track #3: Safety, Disaster Resilience, and Sustainability
- Traffic Safety and Intelligent Transportation System (ITS)
- Safety in construction and remodeling
- Disaster preparation and response
- Life-cycle analysis and asset management systems
- Sustainable pavements, bridges, and buildings
- Sustainability in governments and industries