

Preface

This Abstract Book of ICCEE2024 & ICEER2024 is composed of the abstracts of the 2024 9th International Conference on Civil and Environmental Engineering (ICCEE2024) and 2024 9th International Conference on Energy, Environment and Resources (ICEER2024). According to the similarity among the topics of ICCEE2024 and ICEER2024, ICCEE2024 was held in conjunction with ICEER2024 on November 24-26, 2024.

ICCEE2024 and ICEER2024 serve as an optimal platform for specialists, scholars and researchers in the field related to civil and environmental engineering, energy, environment and resources to facilitate academic communications and exchange ideas. These abstracts demonstrate the richness of interdisciplinary approaches, theories, models and applied research presented.

Major themes of the conferences include:

Civil Engineering: Civil Engineering Practice, Civil Engineering Planning, Civil Engineering Contracts, Civil Engineering Construction, Infrastructure Projects, Transport Systems and Water Supply Networks, Consultant of Civil Engineering Works, Construction Management and Analysis, etc.

Environment: Environmental Protection, Health and the Environment, Environmental Economics, Environmental Science and Technology, Environmental Nanotechnology, Environmental Biology, Environmental Engineering, Environmental Engineering & Management, Environmental Chemistry, Analysis of Environmental Contaminant, etc.

Energy: Energy Technology, Energy Systems, Clean and Renewable Energy, Biofuels, Biomass and Bioenergy, Advanced Energy Technologies, New Energy Technology, New Energy Applications, Renewable Energy, Integrated Energy Systems, Energy Storage Technologies and Devices, etc.

Resources: Renewable Resources, Biotic Resources, Resource Distribution, Resource Management, Water Resources Management, Resource Economy and Management, Resources Development, Resource Exploration, Resource Exploration Engineering, Resource Science and Engineering, Resource Information Engineering, etc.

We thank all authors for their scientific contribution to ICCEE2024 and ICEER2024 and look forward to having the opportunity to showcase and disseminate your research.

Sincerely,

ICCEE2024 and ICEER2024 Organizing Committees