Preface

The International Conference on Recent Advances in Materials, Minerals and Environment (RAMM2022) was the 7th in the series of RAMM meetings organized by the School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia. RAMM2022 involved participation from local and international delegates, academics, postgraduate students, scientists, researchers, engineers, managers, product developers, business leaders and professionals.

The conference is a perfect platform to share, discuss and exchange ideas on the latest developments and recent findings in research studies related to advanced materials, minerals, and environment. The objectives of the conference are to serve as a forum for discussion, exchange ideas and expertise among researchers, academicians, scientists, engineers, and postgraduate students from local and international participants. On top of that, participants can showcase their research findings and demonstrate their credibility in materials, minerals and environment engineering.

The theme of the 7th meeting was "Advances in Materials, Minerals and Environment Research: Providing the Path for Sustainable Development". RAMM 2022 provided an excellent opportunity to keep up to date with the latest achievements and developments in these fast-moving and high technology-based fields (materials, minerals and environment engineering). Furthermore, interactions between participants from academic fields and industries during the conference will add benefit for both parties through the exchange of ideas on the current developments and technology in all mentioned fields of study.

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