

Preface

This volume contains some selected papers from The 2nd International Conference on Sustainable Materials (ICoSM2013) which was held on 26th – 27th March 2013 in Penang, Malaysia and was organized by School of Materials Engineering, Universiti Malaysia Perlis. The conference aims to provide an excellent forum for research scientists in academia and industry around the globe to present and discuss their latest research on a broad array of topics in current and future sustainable materials engineering technologies which drives most of our technological based economy today.

This volume covered all the aspects of sustainable materials engineering on a fundamental and technological aspect, with a focus to the materials recycling related industries. In this gathering, the materials/metals recycling is the prime addressing both technological and sustainability issues within the materials recycling and value adding waste or low-grade materials as well as to the products those have the reinforcement to the economy. All of the papers have been reviewed by more than two expert referees in their relevant topic disciplines. The paper selected for this volume depended on their quality and relevancy to the conference.

The editors hope that this volume will provide the reader a broad overview of the latest research in the field of sustainable materials engineering technologies, and that will be as valuable reference source for further research.

The editors would like to express their sincere appreciations and thanks to all the committee members of the ICoSM2013 for their tremendous efforts. Without their dedication, it was impossible to have a successful ICoSM2013 and a high quality volume of the conference proceedings. Thanks also to Trans Tech Publications for producing this volume. Finally, the editors would like to thank all the authors for their contribution to this valuable volume.

Universiti Malaysia Perlis, MALAYSIA
March, 2013

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