Proceedings of the
Global Sustainability Conference
GSC 2022

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Editors of the Proceedings

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Preface

We are honored and glad to welcome you at the Global Sustainability Conference 2022 organized by Advanced Computing Research Society on 18-19 April, 2022. The Conference was hosted at the Seminar hall of Bonfils Automation Technologies Pvt. Ltd., Chennai. Due to the ongoing pandemic situation, authors were given the opportunity to present both in online and offline mode.

This conference and these proceedings are a unique opportunity for sharing ideas and achievements, discoveries and innovation for growing together our knowledge and contribute to expand the knowledge of humanity. The technological areas addressed in this meeting is in response to United Nations call of action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030.

The conference covers topics on the interdisciplinary areas of agriculture and food security, biodiversity conservation, circular economy, cities and urbanisation, climate change in holistic context, development, economy, ecosystem services, ecological protection, education, energy, environmental development, environmental law, finance, gender equality, green infrastructure, health and environment, human population, industrialization, innovation, land cover and land use change, natural capital, natural resources conservation and management, pollution, poverty, social and cultural, supply chain, waste, water–energy–food and water-soil-waste connections and others, all as related to sustainability.

We received 36 papers and after peer review 13 papers were accepted and presented in this conference. The papers were evaluated on the basis of completeness, relevance to the conference, originality, sufficiently novel, technical quality, structure and presentation of the paper and adequate references to previous work. Every paper was reviewed by at least 3 reviewers and the review comments were shared with the authors for incorporating the suggestions and comments.

The conference had participation from various countries – India, Peru, Italy, Slovakia, China, Australia, South Africa, Nigeria, and Malaysia. Total number of participants were 42.
Shri Siddharth Hande who is Founder and CEO of Kabadiwalla Connect, an award winning social enterprise in the field of waste management gave a keynote lecture on the topic “Increasing Waste Recycling Through Better Informal Sector Data”. In the contributory sessions, 13 papers were presented. Each presenter was given 15 minutes for presentation, followed by question-and-answer session. A networking session was also arranged, which enabled the participants to interact, learn and network with each other.

We are thankful to the IOP Conference Series: Earth and Environmental Science and its editor for accepting our proposal, for providing valuable guidance and for publishing this conference proceedings. We thank all the Committee members for their valuable inputs and time, for making this conference very successful. We thank all the authors and presenters for disseminating their research outcomes through this conference. We appreciate each and everyone who have made this conference meaningful.

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