

# Preface

This proceeding contains the selected papers presented at the 14<sup>th</sup> International Conference on **"Sustainable Green Construction and Nano-Technology, NTC-2023"** which was held in Sharm El-Sheikh, Egypt, on March 03-07, 2023, and was organized by the Housing and Building National Research Center (HBRC) jointly with the Egyptian Russian University (ERU) and Kalashnikov Izhevsk State Technical University (ISTU).

NTC 2023 was organized to discuss and highlight the application of recent research results in the field of green sustainable construction and nano-technology applications to provide an opportunity to scientists and industry experts to exchange ideas and experience.

The conference represented different countries - Egypt, Russia, Saudi Arabia, and Oman.

We express our deepest gratitude to all members of the scientific committee, invited speakers, sponsors, participants and the NTC2023 organizing committee.

We also would like to acknowledge the technical contribution of all staff from Trans Tech Publications.

## **With kind regards:**

Prof. Sayed Shebl, Chairman

Prof. Magdy Helal, Chairman

Ass. Prof. Hamada Shoukry, Editor

# Organizing Committee

Prof. Sayed Shebl  
Prof. Magdy Helal  
Ass. Prof. Hamada Shoukry  
Dr. Mohamed Mahmoud  
Eng. Sally Alaa El-Din

## Technical and Administrative Support

Mr. Haysam Wahed  
Mr. Medhat Samy  
Mr. Mohamed Shebl  
Mr. Mamdouh Abbas  
Mr. Moamen Helmy  
Mr. Ahmed Ezzat

## Sponsors

