Editorial

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The widespread usage of fossil fuel-based energy resources since the beginning of the 19th century causes significant and non-recoverable changes in the world. As inheritor from our ancestors, we are now observing the many negative effects of the global warming such as rising sea level, changes in ecosystem, extinction of species, stronger hurricanes, storms and floods, and decline in fresh water sources. To provide future generations a better environment, researchers are now working on advanced energy production methods to combat the global warming. Researchers focus on increasing the efficiency of current energy systems, and using alternative energy resources such as biomass, wind, geothermal, hydro, solar, and hydrogen.

The 13th International Conference in Clean Energy (ICCE-2014) was held on June 8–12, 2014 in Istanbul, Turkey. This conference was a big success as it had over 600 presentations by many researchers, scientists, engineers and policy makers covering every aspect of clean energy systems and their applications. ICCE-2014 provided a forum for the exchange of information on the latest progress in clean energy, the dissemination of the high-quality research results on the issues, and the debate and shaping of future directions and priorities for a sustainable future. Networking promoted by this conference series helped to create a sustainable collaboration for the participants.

After successful completion of ICCE-2014, we compiled together high-quality papers and bring to fruition this special issue in the *International Journal of Global Warming* (*IJGW*). Thus, we selected 16 conference papers which are related to the clean energy resources, climate change and global warming to consider for a special issue in *IJGW* entitled ‘Clean energy to combat global warming’. All selected conference papers were

peer-reviewed for this special issue under the guidelines of *IJGW* before publication to improve their quality further for readers of *IJGW*.

In conclusion, we would like to take this opportunity to warmly thank the Editor-in-Chief, Prof. Dr. Ibrahim Dincer, editorial team of Inderscience, all contributing authors, reviewers, and organising committee members for their efforts that have made this special issue a true and unique success.