



# Editorial

## Special Section: Symposium Dedicated to Renewable Energy and Sustainable Technologies

This special issue of Symposium Dedicated to Renewable Energy and Sustainable Technologies is devoted to the ASME 13th International Conference on Energy Sustainability held in Bellevue, WA, June 15–17, 2019. For more than 10 years, the conference has been a venue for researchers from all over the world and for industry leaders from important sectors of energy production and management to share their innovative ideas and research progress. The conference in 2020 was sponsored by the Advanced Energy System Division and the Solar Energy Division. The ES Conference included 15 parallel tracks on the broad topic of renewable/sustainable energy, including, but not limited to, Sustainable Buildings, Sustainable Infrastructure and Transportation, Conversion and Processing of Biofuel and Alternative Fuel, Distributed Energy Systems, Concentrating Solar Power, Ocean and Hydropower Technologies, Photovoltaics, Wind Energy, and Emerging Technologies. In order to highlight innovative research outcomes and enhance public visibility, we have invited high-quality papers among 166 presentations, to be included in this special issue. Conference chairs from the Advanced Energy Division and Solar Energy Division, as well as experts from around the world, organized this issue as guest editors. We greatly appreciate your interest in this special issue, and we take this opportunity to thank the authors and reviewers for their outstanding contributions. We would also like to express our deep gratitude for the editor-in-chief of the journal, Dr. Hameed Metghalchi, for his guidance and support.

### Guangdong Zhu

Guest Editor  
Senior Researcher  
National Renewable Energy Laboratory,  
Golden, CO 80401  
e-mail: Guangdong.Zhu@nrel.gov

### M. Keith Sharp

Guest Editor  
Emeritus Professor  
Mechanical Engineering Department,  
University of Louisville,  
Louisville, KY 40292  
e-mail: keith.sharp@louisville.edu

### Reza Baghaei Lakeh

Guest Editor  
Assistant Professor  
Mechanical Engineering Department,  
California State Polytechnic University,  
Pomona, CA 90066  
e-mail: rblakeh@cpp.edu

### Heejin Cho

Guest Editor  
TVA Associate Professor  
Mechanical Engineering Department,  
Mississippi State University,  
Starkville, MS 39762  
e-mail: cho@me.msstate.edu

### Erik Koepf

Guest Editor  
Applications Engineering Laboratory Director  
DuPont Silicon Valley Technology Center,  
Sunnyvale, CA 94085  
e-mail: erik.koepf@dupont.com

### Craig Turchi

Guest Editor  
Principal Researcher  
National Renewable Energy Laboratory,  
Golden, CO 80401  
e-mail: craig.turchi@nrel.gov

### Navid Goudarzi

Guest Editor  
Assistant Professor  
The Williams States Lee College of Engineering,  
University of North Carolina at Charlotte,  
Charlotte, NC 28223  
e-mail: Navid.Goudarzi@uncc.edu