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Message from the Guest Editors

Today, solar energy, thermal and photovoltaic, is a renewable energy alternative to wind in terms of renewable resource and management. The scientific community is supporting continuous advances in improving known technologies and totally disruptive concepts.

Some examples of new advances are improvements to new cell concepts, new thermal fluids, new thermodynamic cycle concepts, etc. Collecting information on these new advances in CSP is one of the goals of this Special Issue, focusing on the following ideas:

- Solar thermal energy;
- Photovoltaics:
- Energy management and storage;
- Solar resource;
- Sustainable solar buildings;
- Smart solar communities and cities:
- Education, software, training and teaching of renewable energies;
- Solar energy for the development and improvement of society.



