



## Recent Advances in Solar Power Plants

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### Message from the Guest Editors

Dear Colleagues,

Concentrating solar power (CSP), is, today, a renewable energy alternative to PV or wind in terms of energy management. Although these competitors are cheaper, coupling with energy storage now gives the advantage to CSP to be a relevant electric network input or even a reliable heat process source. Moreover, the scientific community is supporting continuous advances in improving known technologies and totally disruptive concepts.

Some examples of new advances are improvements to thermal oil solar fields, 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:

- Concentrating solar power plant improvements;
- O&M experiences;
- Heat process concepts;
- New thermodynamic concepts;
- Disruptive CSP technologies and ideas;
- Thermal energy storage;
- Heat process production and management.





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