

Special Issue

Recent Advances in Solar Power Plants

Message from the Guest Editors

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.

Guest Editors

Dr. Javier Muñoz-Antón

Departamento de Ingeniería Energética, Universidad Politécnica de Madrid, Madrid, Spain

Dr. Sungwoo Yang

Department of Civil and Chemical Engineering, University of Tennessee at Chattanooga, Chattanooga, TN 37403, USA

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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