



**International Symposium on
Computer, Consumer and Control, 2020**
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<http://is3c2020.ncuteecs.org>



Special Sessions Call for Papers **The Fifth International Symposium on Computer, Consumer and Control, 2020**

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Session title: *Forecasting Technique for Renewable Power Generation*

As the amount of integrated renewable energy increases, the uncertainty of power system operation will increase. One of the important methods for reducing system uncertainty is to implement renewable power forecasts. Renewable power forecasting requires highly reliable measurement equipment, accurate numerical weather prediction (NWP) models, appropriate input variables, and appropriate training models for forecasting. Countries around the world, especially in Europe, the United States, and Australia, have proposed many models and tools for predicting renewable power generation. The main purpose of this session is to demonstrate the state-of-the-art technique for renewable power forecasting. This session includes the discussions about the variability of renewable generation, solar power forecasting, wind power forecasting, the estimation of invisible solar power generation, and the corresponding issues. Prospective authors are invited to submit original papers to the Special Session.

Topics/Areas

We invite academic researchers and industry professionals from a broad range of disciplines to submit to this special issue. Topics of interest include, but are not limited to:

- Estimation for the variability of renewable power generation
- Overview of the forecasting technologies for solar power generation
- Overview of the forecasting technologies for wind power generation
- Estimation of invisible solar power generation
- Novel forecasting technologies for renewable power generation.

All papers accepted and registered for presentation will be published in the conference proceedings, and excellent papers will be recommended for publication in the special issue of SCI(E)/ EI journals. Please note that papers must submit via the submission system website and meet the format of IS3C2020.