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## Special Issue on Regional Climate Modeling: Evaluation and Applications

### Call for Papers

Earth climate system models are the primary tools to predict future changes. Provision of climate information for decision making, especially at the regional and local levels, requires a better understanding of the response of regional and local climate systems to global climate, and in turn their influence on the global system. Earth climate system models are the primary tools to predict future changes. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **regional climate modeling: evaluation and applications**.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **regional climate modeling: evaluation and applications**. In this special issue, potential topics include, but are not limited to:

- Observations, modeling and analysis of regional climate
- Very-high-resolution regional climate models
- Challenges to RCM evaluation and application
- RCM ensembles
- Regional climate change impacts
- Applications of regional climate information
- Future directions for regional climate science

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Regional Climate Modeling: Evaluation and Applications**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	December 6th, 2017
Publication Date	February 2018

#### Guest Editor:

Prof. **Shaocai Yu**, North Carolina State University, USA



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