Special Issue on Chaos Theory and Its Applications

Call for Papers

Chaos theory, in mechanics and mathematics, the study of apparently random or unpredictable behaviour in systems governed by deterministic laws. A more accurate term, deterministic chaos, suggests a paradox because it connects two notions that are familiar and commonly regarded as incompatible. The first is that of randomness or unpredictability, as in the trajectory of a molecule in a gas or in the voting choice of a particular individual from out of a population. In conventional analyses, randomness was considered more apparent than real, arising from ignorance of the many causes at work. 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 the area of **chaos theory and its aplications**.

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

- Application of chaos theory in mathematics
- Application of chaos theory in physics
- Complexity: The role of chaos and fractals
- Analysis: Dynamical systems theory and chaos
- Chaotic dynamics
- Sensitivity to initial conditions

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 -** *Chaos Theory and Its Applications*" should be chosen during your submission.

According to the following timetable:

Submission Deadline	January 15th, 2019
Publication Date	March 2019

Guest Editor:
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For further questions or inquiries

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