## Advances in Chemical Engineering and Science

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### **Special Issue on Surfactants and Detergents**

#### **Call for Papers**

Surfactant, also called surface-active agent, substance such as a detergent that, when added to a liquid, reduces its surface tension, thereby increasing its spreading and wetting properties. Surfactants play an important role as cleaning, wetting, dispersing, emulsifying, foaming and anti-foaming agents in many practical applications and products.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Surfactants and Detergents**. Potential topics include, but are not limited to:

- Composition and structure
- Dynamics of surfactants at interfaces
- Structure of surfactant phases in water
- Detergents in biochemistry and biotechnology
- Petrochemical and oleochemical surfactants
- Synthesis, physicochemical and functional properties, and biodegradability
- Surface active properties
- Mixed surfactants and surfactant-polymer systems
- Characterization and analysis of surfactants
- Non-ionic and zwitterionic detergents
- Surfactant development and formulation
- Detergent development, manufacturing, and formulation
- Performance, test method development, and analysis of surfactants and detergents
- Environmental fate of surfactants and detergent

Authors should read over the journal's <u>For Authors</u> carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's <u>Paper Submission System</u>.

Please kindly specify the "Special Issue" under your manuscript title. The research field "Special Issue - Surfactants and Detergents" should be selected during your submission.

#### Special Issue Timetable:

Submission Deadline	February 28th, 2017
Publication Date	April 2017



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#### **Guest Editor:**

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