

Energy self-sufficient desalination technology based on seawater resource

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Speaker

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Abstract

Climate change has significantly raised the demand for sustainable water production. Utilizing alternative water resources such as rainwater, wastewater, or seawater have drawn lots of attention as a key technology for portable water production. Seawater desalination technologies account for the largest portion due to the unlimited capacity of seawater. In recent, a novel desalination technology using seawater resource was developed, representing promising research outcomes. Here, this presentation will provide an introduction to the novel desalination technology based on seawater battery and its recent advances.

The seminar will be in English.