

**Desalination is best described  
as**



## Overview

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Desalination is the artificial process by which salt water (generally ) is converted to fresh water. More generally, desalination is the removal of salts and minerals from a substance. It is possible to desalinate saltwater, especially , to produce water for human consumption or irrigation, producing as a by-product. Interest in desalination mostly focuses on cost-effective provision of for hu.

## Desalination is best described as

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### **Seawater desalination: A review of technologies, environmental**

Given the increase in population, climatic change, and scarcity of fresh water, seawater desalination has become one of the most important alternative

### **Sustainable seawater desalination: Current status, environmental**

Desalination methods will play a key role, so all the major options and their environmental footprints are discussed, considering the energy requirements in particular of each process. A brief



### **Desalination , Vol 613, 15 October 2025**

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### **Electrodialysis for sustainable water desalination: Principles**

Freshwater scarcity, driven by population growth, urbanization, industrialization, and climate change, has intensified the need for alternative water



[Desalination and Water Treatment.](#)



### [Journal](#)

Desalination and Water Treatment is an open access journal per January 1, 2024. The journal is dedicated to research and application of desalination technology, environment and energy

### **Desalination Flashcards , Quizlet**

The process of taking salt water from the ocean and putting it through plants where it's heated and condensed to fresh water. What is the greatest obstacle to desalination.



### **Desalination is best described as:**

Desalination is best described as creating freshwater from seawater. This process involves removing salt and impurities from seawater to provide clean water, especially in areas

### [Desalination , Journal , ScienceDirect by Elsevier](#)

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### **Desalination , U.S. Geological Survey**

Humans cannot drink saline water but saline water can be made into freshwater, for which there are many uses. The process is called "desalination",

## Seawater desalination in China: Current situation, problems, and

This review provides a comprehensive analysis of the recent development of seawater desalination in China, systematically summarizes the evolution of China's seawater desalination



## [What Is Desalination and How Does It Work?](#)

Desalination is a process that removes dissolved salts and other minerals from saline water, such as seawater or brackish groundwater, to produce fresh water. This purified water

## How Desalination Works , HowStuffWorks

Desalination is the process of removing the salt from seawater, which turns the water into fresh drinking water. Learn about desalination.



## Desalination Basics

Desalination is the process of removing salts and other minerals from water, making it suitable for human consumption, irrigation, or industrial uses.

## Desalination technologies and their environmental impacts: A review

Desalination technologies have been shown to require considerable amounts of energy and generate greenhouse gas (GHG) emissions. However, the use of environmentally friendly





## Desalination , All Journal Issues , ScienceDirect by Elsevier

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### [Desalination: A Comprehensive Overview for Beginners](#)

Desalination refers to the process of extracting salt and minerals from seawater or brackish water to produce fresh water suitable for human consumption, agricultural use, or industrial



## Desalination

OverviewHistoryApplicationsTechnologiesDesign aspectsCostsEnvironmental concernsHealth aspects

Desalination is the artificial process by which salt water (generally sea water) is converted to fresh water. More generally, desalination is the removal of salts and minerals from a substance. It is possible to desalinate saltwater, especially sea water, to produce water for human consumption or irrigation, producing brine as a by-product. Interest in desalination mostly focuses on cost-effective provision of fresh water for hu

## Advances in desalination technology and its environmental and

The potential utility of seawater desalination technologies (such as thermal distillation, membrane desalination, and solar steam generation) has been





## **Desalination**

Desalination is defined as a water-treatment process that separates salts from saline water to produce potable water or water with low total dissolved solids (TDS).

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