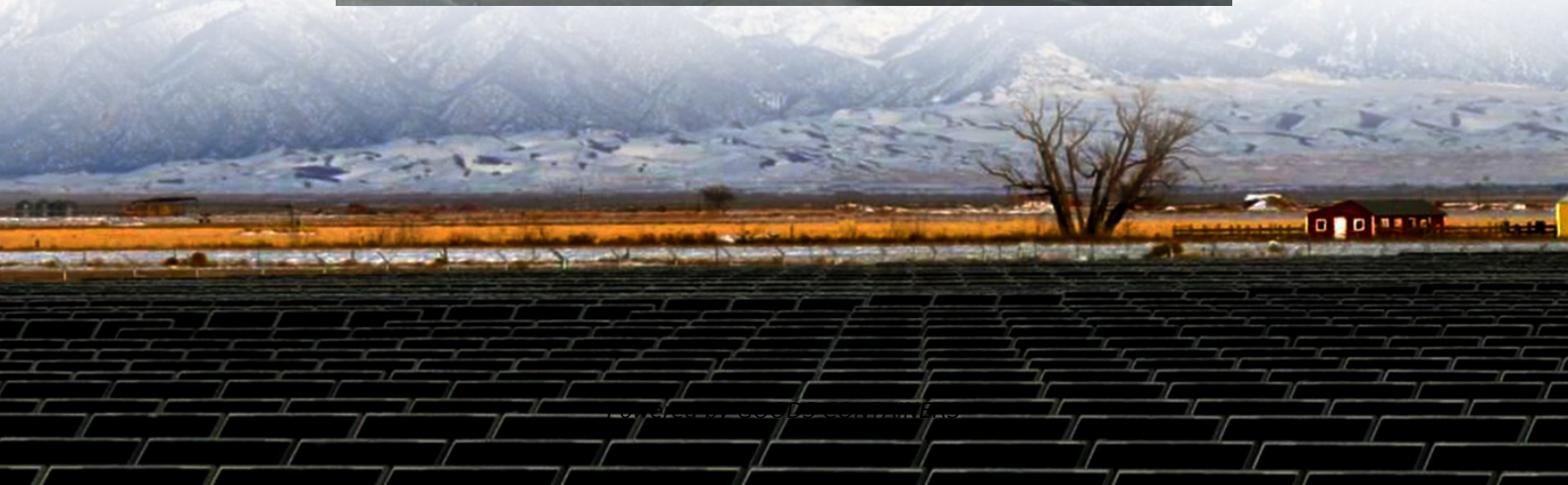


High-efficiency Kuwaiti folding container for agricultural irrigation





Overview

What is the main irrigation method used in Kuwait?

Flood irrigation is the most common irrigation method used on 63% of the agricultural land in Kuwait, resulting into high water losses and low irrigation efficiencies. Kuwait relies on desalination, and recently on treated wastewater (TWW), to provide water for all sectors including agriculture.

What are some ways to intensify agriculture in Kuwait?

To improve agriculture in Kuwait, farmers should continue intensification by using a combination of best and improved management practices, tested and approved technologies in integrated manner including soil, plants (improved crop varieties), expanded modern irrigation systems, and soil fertility (integrated soil fertility management).

What is the main source of water for agriculture in Kuwait?

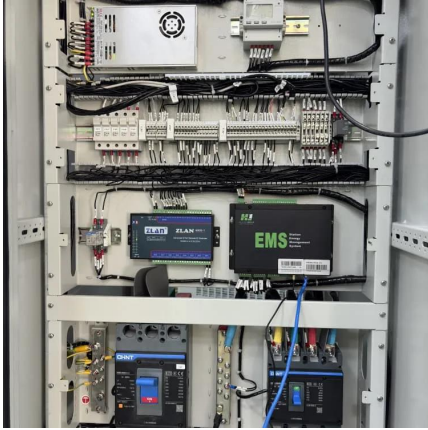
The main source of water for agriculture in Kuwait is groundwater through installed wells. The crops are grown using this water, where the water salinity varies from medium to very high. There are no surface water sources (rivers, dams, freshwater lakes, etc.) in Kuwait.

What are the risks to agriculture production in Kuwait?

The immediate challenges to agricultural production in Kuwait are primarily due to lack of surface water and high salinity in the groundwater. The trend of agriculture water consumption has significantly increased, from 80 million cubic meters (MCM)/yr. in 1990, to 221 MCM (2000) and 513 MCM (2010).



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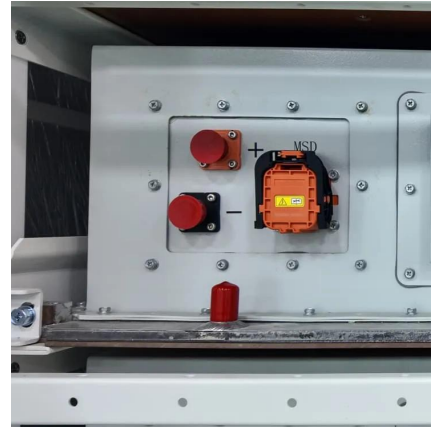


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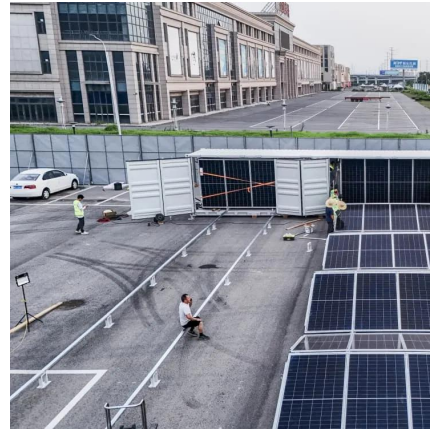


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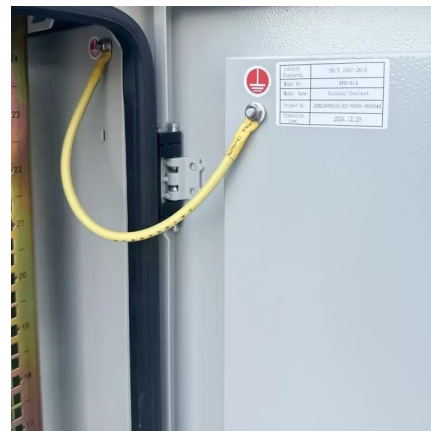


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