

**Preventing  
soil salinization...**



**#ATOMS4CLIMATE**

**...to ensure  
food security**



## Did you know that more than 833 million hectares of land are affected by soil salinity, according to FAO?

Rising sea levels and other environmental factors can cause soil salinization, hindering crops from growing and posing a threat to food security.

In Pakistan, erratic rainfall patterns have pushed farmers to irrigate using groundwater with high levels of salt, exacerbating soil salinization.

With IAEA support, Pakistan's Nuclear Institute for Agriculture and Biology (NIAB) has developed and planted salt-tolerant crops and implemented soil management techniques to combat soil salinization.

NIAB is now sharing its expertise with other countries affected by soil salinization, offering training to their scientists.

PREVENTING SOIL SALINIZATION TO ENSURE FOOD SECURITY

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