
Are you interested in working on a desalination technology that shows potential to save fertilizer, water, and energy for greenhouses and hydroponics?

Technology:

Monovalent selective electrodialysis (MSED) is a high recovery, membrane-based desalination technology that selectively removes ions detrimental to crops from irrigation source water, while preserving ions that are beneficial for crops.

This fall (subject to extension):

Run detailed membrane characterization experiments to quantify MSED fertilizer and water savings in order to determine the technology's suitability for use in agriculture.

To apply or learn more:

Email your resume to yahdab@mit.edu ASAP. Position to be filled by early September.

Lienhard Research Group