

Electrodialytic Crystallization for Non-Evaporative Water and Salt Recovery

Jaxon Draughon*, Xudong Zhang, Ruoyu Wang, Shihong Lin

Supporting information:

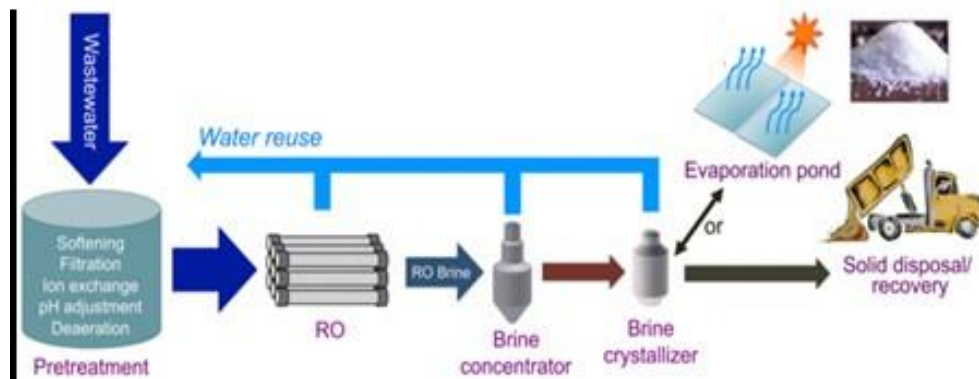


Figure S1. Diagram of modern methods of saline brine reclamation.

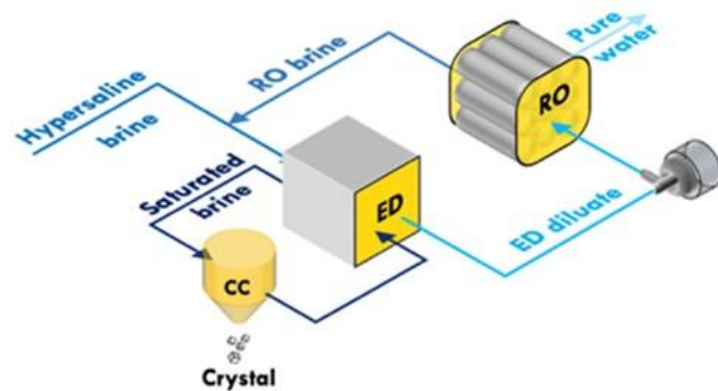


Figure S2. Basic diagram of Electrodialysis system.

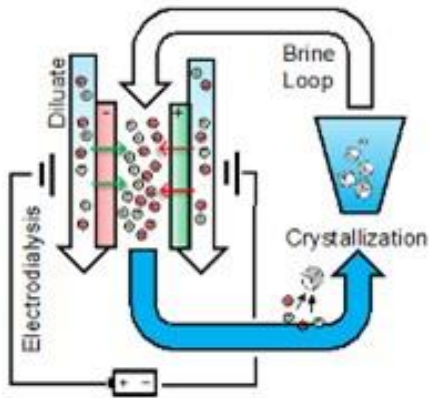


Figure S3. Diagram of crystallizer system.

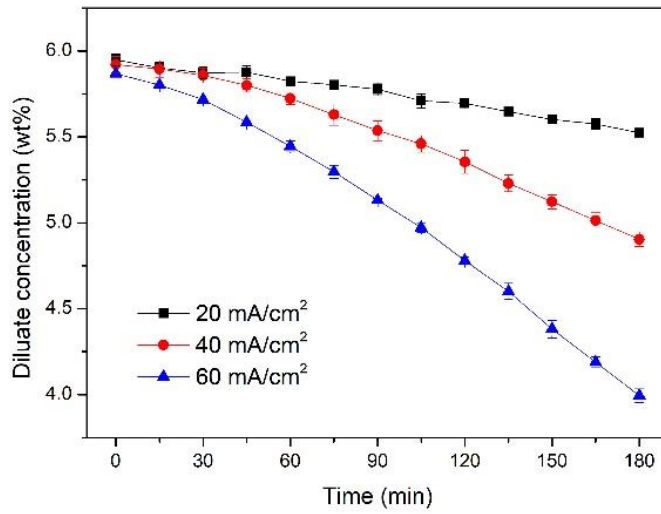


Figure S4. Dilute concentration over time with various energy densities.

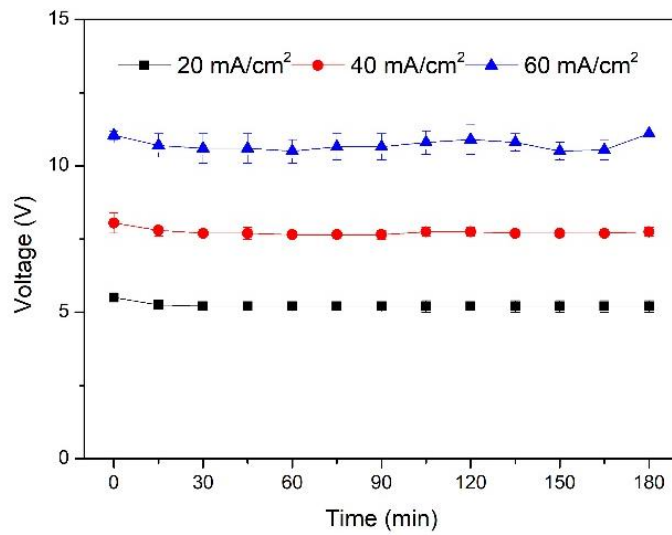


Figure S5. Measured voltage over time with different energy densities.

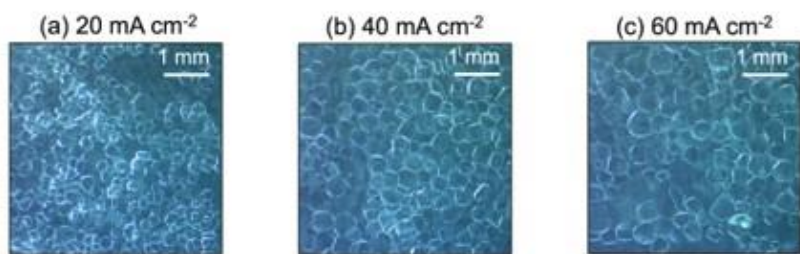


Figure S6. Examples of salt crystal pictures taken under microscope.