

**THE BRINE BIOLOGICAL SYSTEM AND ITS MANAGEMENT IN THE
SEASONAL SOLAR SALTWORKS**

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ABSTRACT

The composition, structure, and function of favorable and unfavorable biological systems in seasonal solar saltworks are described. Favorable systems allow economic and continued production of high quality salt at design capacity. Unfavorable systems are associated with salt production at less than design capacity, decreased quality, and increased production costs. Management procedures to obtain and maintain favorable systems and methods to manage key organisms (organic-releasing algae, brine shrimp, halobacteria) are outlined.