

Salton Sea: Salinity and Salinity Control

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Abstract. The Salton Sea is a closed basin and largest body of water in California. Agricultural returns from Colorado River water use adds 5 Million tons of salt to the Salton Sea each year. Since there is no outlet the salinity rises every year. The Salton Sea is a major food source for fish-eating migrating birds. In the near future, the salinity is expected to rise to the point that fish will no longer be able to reproduce which will have a very negative impact on migrating birds local recreation. The Bureau of Reclamation and the Salton Sea Authority are developing alternatives for the export of salt from the Salton Sea. This presentation will give an overview of the problems and will discuss effective and non-effective solutions that are being considered.