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Temporal Visualization to Inform Wetland Restoration in Southern California

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Abstract

Presenting information about dynamic systems can be complex, especially when this information needs to be presented to decision-makers and the public who may not have the time and expertise to fully absorb complex data in traditional formats of maps, graphs tables and statistical outputs. Using data gleaned from historical maps, contemporary data and modeled future conditions under different potential future conditions. Working with wetland managers, scientific experts, and colleagues at Esri, we developed a prototype web-based visualization system for the Tijuana River National Estuarine Research Reserve and surrounding watershed which is available to managers and the public via ArcGIS online.