SCCWRP # 1034

Evaluating the Effect of Changes in Flow and Water Temperature on Stream Habitats and Communities in the Los Angeles/Ventura Region

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EXECUTIVE SUMMARY

This document provides the conceptual foundation and background material for a project conceptualized and funded by the Los Angeles Regional Water Quality Control Board. The project aims to investigate how climate change-induced alterations in precipitation and temperature may influence the distribution of riparian-dependent species within this region. The outcome will be used to inform decisions about protection and management of streams within the Los Angeles Regional Board's boundaries (i.e., the study area). This document includes a compilation of riparian-dependent species known to occur in the study area, an approach for organizing and prioritizing species for analysis of climate change effects, and an overview of potential modeling approaches. Note that this is a planning and background document that provides progress to date, and all sections will likely be modified as this project progresses.

Full Text

http://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1034_LosAngelesAndVenturaStreamHabitats.pdf