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## Inherent optical properties in the Gulf of California

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In order to be able to invert optical remote sensing data, it is necessary to understand the absorption, scattering and attenuation spectra. In this paper we present a study of the vertical distribution and spectra of the inherent optical properties by the particulate and dissolved materials in the Gulf of California. Most of the optical properties in the gulf are dominated by phytoplankton and their by-products (Case I waters). Only in the extreme northwestern region of the gulf were the optical properties dominated by inorganic materials. Typical spectra for the various components are presented. The distribution of the components and their relative contribution to the total optical properties are discussed.

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