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**Research areas:**

My interest in carbonates arise from precipitation/dilution processes in mexican lakes, commonly affected by "bleaching" when alkalinity is high enough. I am interested as well in authigenic processes in sediments: for example  $\text{CaCO}_3$  can be either calcite or aragonite, depending upon the relation of Ca/Mg in waters where precipitates form, and unrelated to some extent to salinity. Limnology and paleolimnology.

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