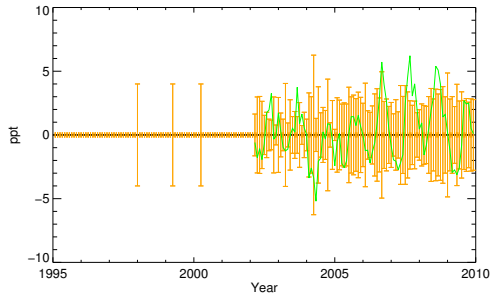


(a) Cape Matatula, American Samoa



(b) Trinidad Head, California, USA

Fig. 1. Comparison of the residuals between the observed and model results using optimized emission estimates (Green) and $2\text{-}\sigma$ standard deviation of the observations in (a) Cape Matatula, American Samoa and (b) Trinidad Head, California, USA.