Interactive comment on “Quantification of octacalcium phosphate, authigenic apatite and detrital apatite in coastal sediments using differential dissolution and standard addition” by J. F. Oxmann and L. Schwendenmann

J.E.E. van Beusekom (Referee)
justus.van.beusekom@hzg.de

Received and published: 30 March 2014

Quantification of octacalcium phosphate, authigenic apatite and detrital apatite in coastal sediments using differential dissolution and standard addition by J. F. Oxmann and L. Schwendenmann.

This article describes a new technique to quantify different forms of P containing carbonates (OCP, CFAP, FAP) in coastal sediments. As such it touches upon a major issue in coastal sediments regarding the transformation of P to more stable forms in the sediment. OCP turns out to be a possible precursor of CFAP. The paper is well written. The scope of the peer is clearly outlined, the techniques are described and the conclusions are sound. I suggest to publish the paper as it is. Justus van Beusekom

Interactive comment on Ocean Sci. Discuss., 11, 293, 2014.