

Re-examination into Bloom's hypothesis on hydroisostasy

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Obvious difference had been recognized between the Late Pleistocene sea level curves estimated from coral terrace of Huon Peninsula and from deep sea oxygen isotope data. Difference is remarkable at isotope stage 3, i.e. the former is about 30 m higher than the latter. Some authors who re-examined into the age of stage 3 corals from the Peninsula indicated that corals were old and sea level at stage 3 was revised to lower level. However, some authors assert higher sea level at that time. Regarding this argument, the Bloom's hypothesis on hydroisostasy was re-examined and newly interpreted the sea level of last glacial maximum, which should stand at higher level than the level recognized about -120 m. Revised two sea level curves are correspond with each other.