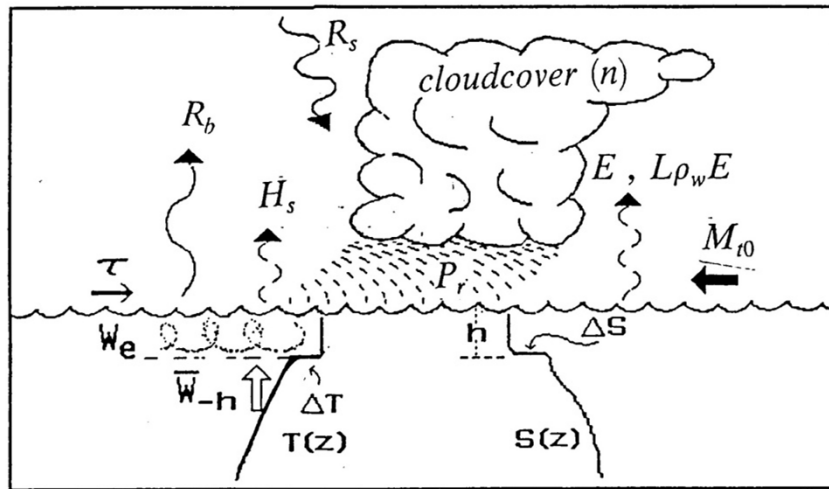


Cloud-Mixed Layer Feedback Using NPS Surface Mixed Layer Model

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1993-1994, Funding Level: \$24,000



NPS Theses

Kuo, You-Hen, "Errors caused by incompatible wind and buoyancy forcing in the ocean general circulation models," MS in Meteorology, December 1992 .

Montenegron, Gonzalo, "Three dimensional vorticity field in the California current system," MS in Physical Oceanography, March 1993.

Brief Description

Positive and negative feedback mechanisms were found between cloud and ocean mixed layer , which leads to new theory to predict the El Nino/La Nina phenomenon

Selected Publications

Chu, P.C., 1993: Generation of low frequency unstable modes in a coupled equatorial troposphere and ocean mixed layer. [*Journal of the Atmospheric Sciences*, 50, 731-749](#) ([paper download](#)).