



THE CHINESE UNIVERSITY OF HONG KONG
Department of Physics
SEMINAR

Applications of Climate Model Calculations/results to Regional-Scale Features in the Coastal Ocean

by

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Time: 3:30 - 4:30 p.m.

Place: L5 Science Centre, CUHK

ALL INTERESTED ARE WELCOME

Abstract

I briefly review: 1) comprehensive climate models, and 2) some aspects of global-scale processes that affect regional-scale phenomena in the coastal ocean. Models for the coastal ocean, including those that incorporate some fundamental ecological features, are successful; and I discuss how the coastal models are embedded, across scales, within the larger global models. I examine west coast examples from San Francisco Bay and the watershed of the Eel River. I conclude with brief questions about upscaling -- the potential impacts of smaller scale effects upon larger scale -- and the need for satisfactory simplifications.