

Department of Ocean and Resources Engineering
Seminar

**OTEC – a new alternative energy initiative for
an old idea: what's in store for Hawaii and what
are the challenges?**

By

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MSB 114

3:00-3:30 pm Coffee Hour

3:30-4:30 pm Seminar

Please join us for the coffee hour near the seminar venue a half hour
before the seminar, 3:00 – 3:30 pm

Abstract

Ocean Thermal Energy Conversion is an old alternative energy concept that is having a new resurgence due to the recent oil price instability and global warming issues. Hawaii is particularly well positioned to benefit from OTEC - it could provide firm (24/7) electricity for Oahu and other islands. Recent work on OTEC has led to the conclusion that OTEC could be economically viable for the islands. There are still some technical challenges and these will be the focus for the next few years. The lecture will discuss the big picture, where we are going, and the challenges remaining.