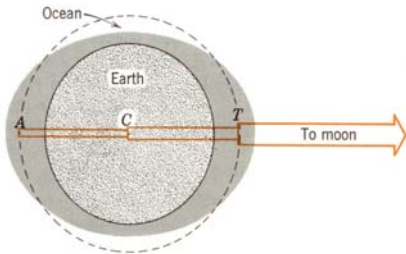
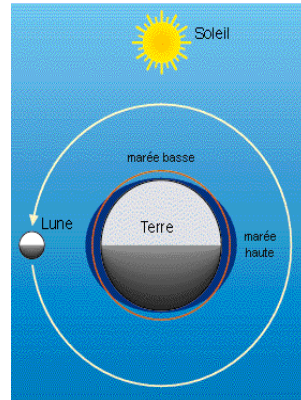
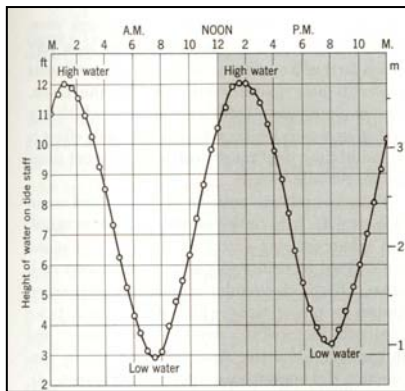


Les marées

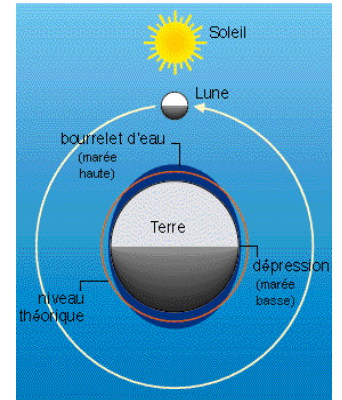
Attraction lunaire



Hauteur de marée au cours du temps

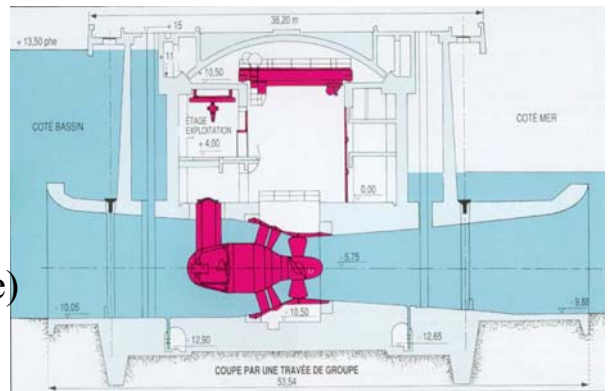


Quadrature



Syzygie

Usine marémotrice de La Rance (France)



Coupe d'un groupe bulbe

OTEC (Ocean Thermal Energy Conversion)

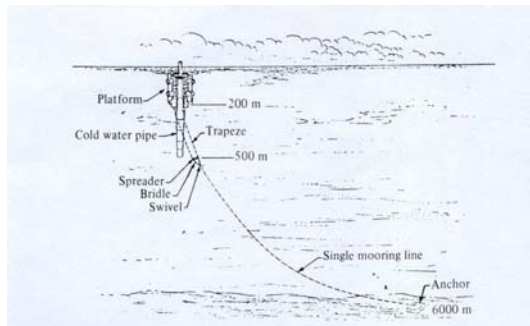
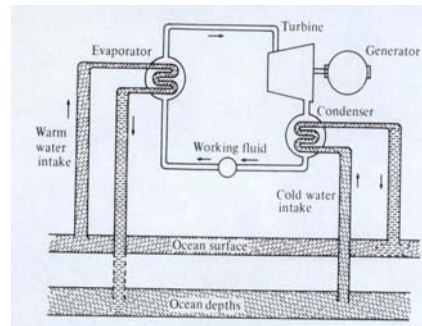
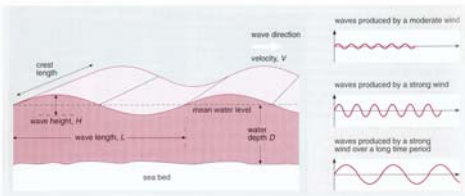


Schéma d'une installation OTEC

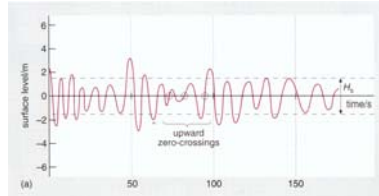


Circuit de fonctionnement

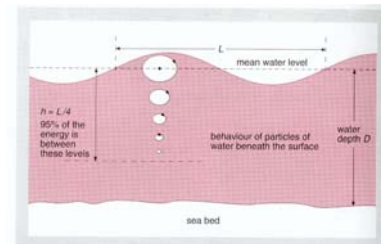
L'énergie des vagues



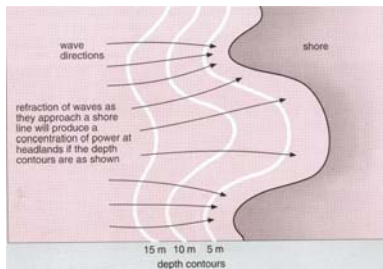
Onde sinusoïdale représentant une vague idéalisée



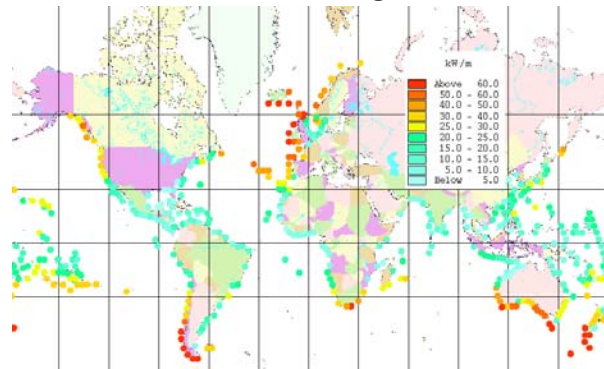
H_s et T_e , les moyennes des amplitudes et des périodes



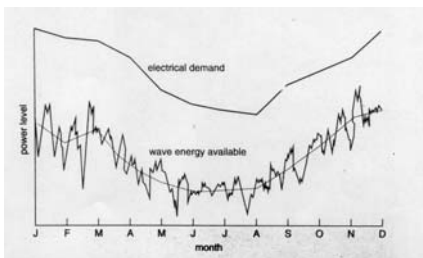
Mouvement orbital des particules dans la vague



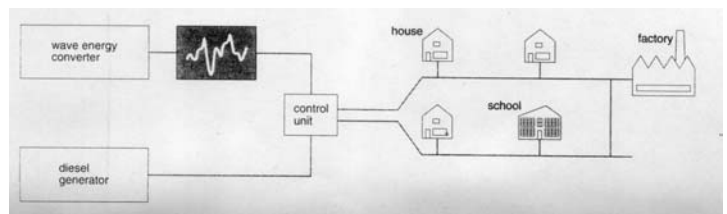
Phénomène de réfraction des vagues sur les crêtes



Endroits du globe où il est intéressant de construire des usines d'extraction

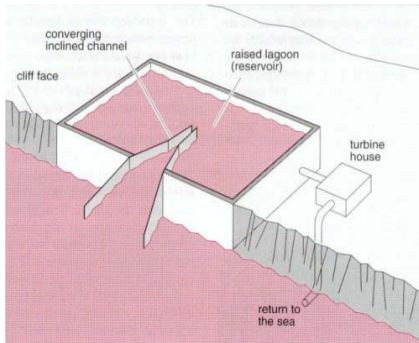


Production d'énergie



Intégration de l'énergie des vagues

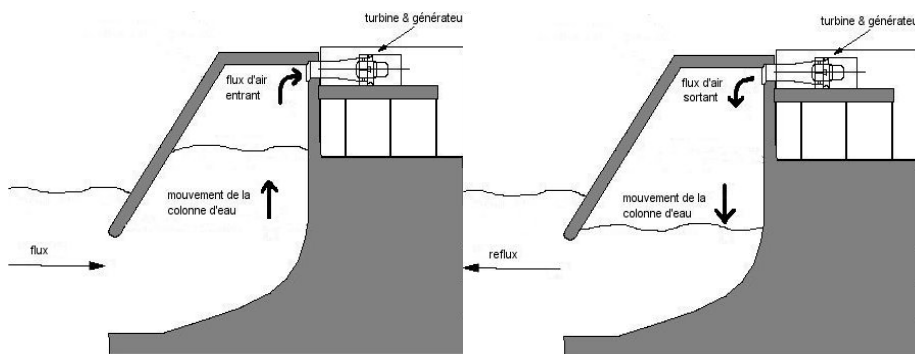
Les convertisseurs d'énergie des vagues



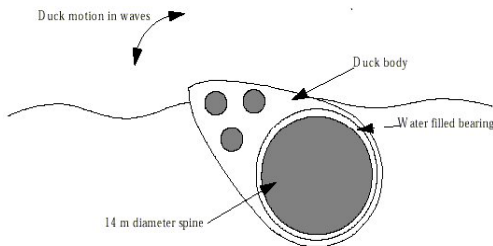
Le Tapchan (Tapered Channel)



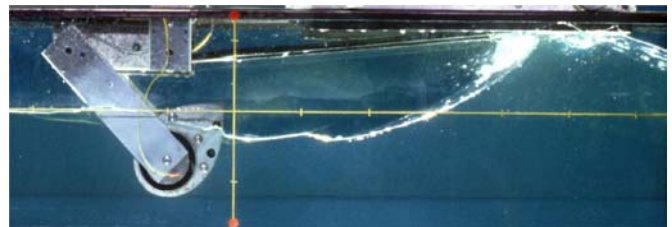
Installation OWC (Islay, Ecosse)



Flux et reflux dans une OWC (Oscillating Water Column)

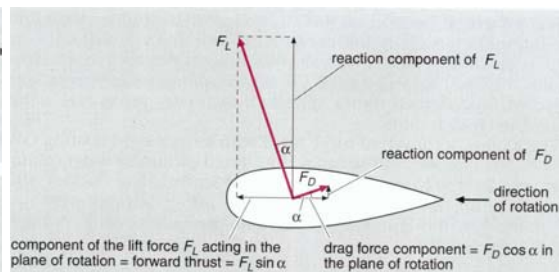
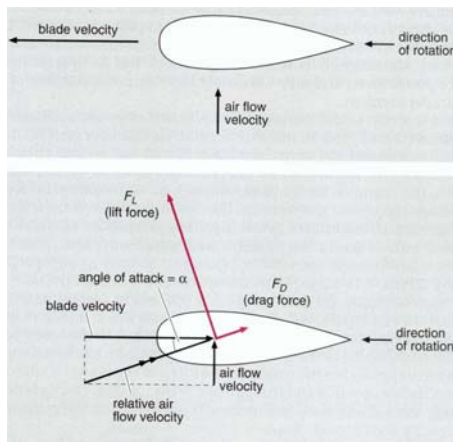


Principe de fonctionnement du Duck



Le Duck dans un bassin de test

La turbine Wells



La turbine Wells tourne dans le même sens que soit la direction du flux d'air