

GEL 116: Oceanography (Hill)

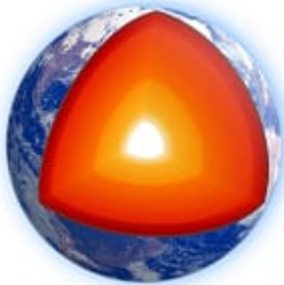
Oceanography is the branch of Earth science that studies the ocean and covers a wide range of topics, including marine organisms and ecosystem dynamics; ocean currents, waves, and geophysical fluid dynamics; plate tectonics and the geology of the sea floor; and fluxes of various chemical substances and physical properties within the ocean and across its boundaries.



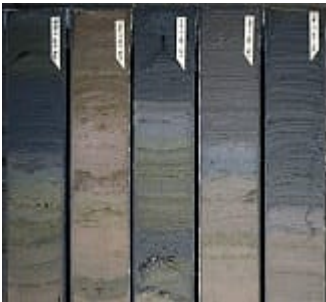
Front Matter



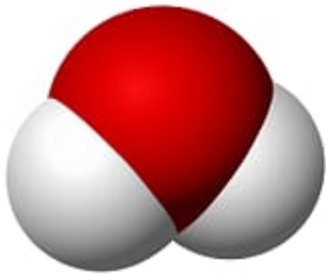
1: A Voyage of Discovery



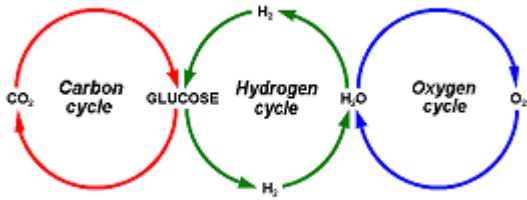
2: Earth - Formation and Structure



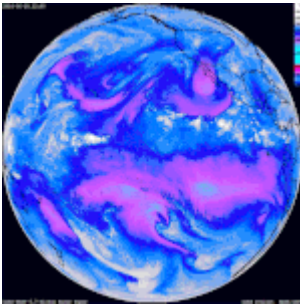
3: Sediments - the Memory of the Ocean



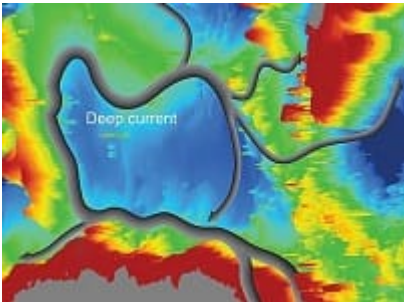
4: Properties of Water



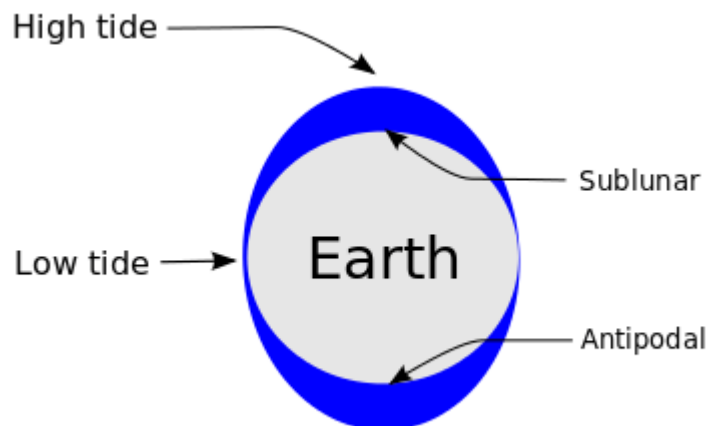
5: Cycles: Salt, Carbon, Gases, Heat & Nutrients



6: The Atmosphere in Motion



7: Ocean Circulation



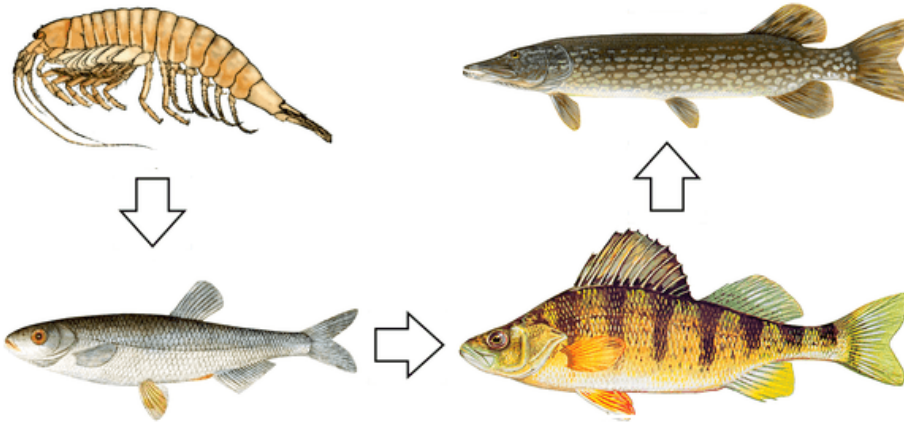
8: Waves & Tides



9: Coastal Processes



10: An Ocean Full of Life



11: Food Webs and Ocean Productivity



12: Marine Environments



13: Human Impacts on the Ocean



14: Special Topics - The Ocean in a Warmer World



15: Special Topics - Fisheries Management



16: Special Topics - Energy From the Sea



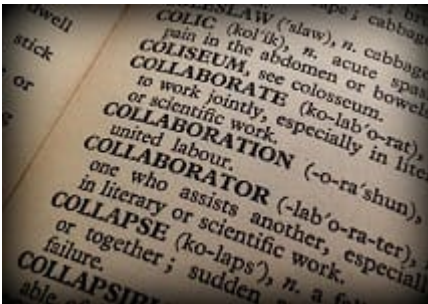
17: Special Topics - Major Environmental Events



18: Special Topics - Ocean Engineering



19: Special Topics - International Cooperation and Management



Back Matter

Thumbnail: Ocean Ripple (Unsplash License; [Matt Hardy](#) via Unsplash)

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