

Download Effects Of Uv Radiation In The Marine Environment

Ultraviolet (UV) designates a band of the electromagnetic spectrum with wavelength from 10 nm to 400 nm, shorter than that of visible light but longer than X-rays. UV radiation is present in sunlight, and contributes about 10% of the total light output of the Sun. It is also produced by electric arcs and specialized lights, such as mercury-vapor lamps, tanning lamps, and black lights. Ultraviolet radiation

What is ultraviolet (UV) radiation? Ultraviolet radiation is the process by which shorter wavelength electromagnetic (radiant) energy is transferred from one place to another, but typically from the sun through the Earth's atmosphere to the Earth's surface; less typically from a tanning bed lamp to a person's skin.

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Ozone depletion describes two related events observed since the late 1970s: a steady lowering of about four percent in the total amount of ozone in Earth's atmosphere (the ozone layer), and a much larger springtime decrease in stratospheric ozone around Earth's polar regions. The latter phenomenon is referred to as the ozone hole. There are also springtime polar tropospheric ozone depletion ...