Aeration Encyclopedia Article

Aeration

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In discussions of plant growth, aeration refers to an exchange that takes place in **soil** or another medium allowing oxygen to enter and **carbon dioxide** to escape into the **atmosphere**. Crop growth is often reduced when aeration is poor. In geology, particularly with reference to **groundwater**, aeration is the portion of the earth's crust where the pores are only partially filled with water. In relation to **water treatment**, aeration is the process of exposing water to air in order to remove such undesirable substances in drinking water as iron and manganese.