

“Lowered Oxygen and Personal Performance”

Lowered oxygen levels due to microbial respiration of the large amount of organic matter [in] the experiment's soils, and subsequent absorption of the carbon dioxide into the concrete...led to hypoxia in several Biospherians, who reported fatigue, sleeplessness and shortness of breath....Other effects of hypoxia are difficulty in thinking and lack of judgment, both of which were reported by Biospherians when the oxygen was at its lowest (14%).

microbial: respiration: oxygen used and carbon dioxide produced by microorganisms

absorption: a process by which one substance is taken in by another

hypoxia: low oxygen levels