

biosphere

in atmospheric chemistry

That part of the globe that encompasses all forms of life on the earth. It extends from the ocean depths to a few thousand metres of altitude in the atmosphere, and includes life forms at the earth's surface, in soils and constituents which exchange materials with atmospheres, oceans or surfaces.

Source:

PAC, 1990, 62, 2167 (*Glossary of atmospheric chemistry terms (Recommendations 1990)*) on page 2176