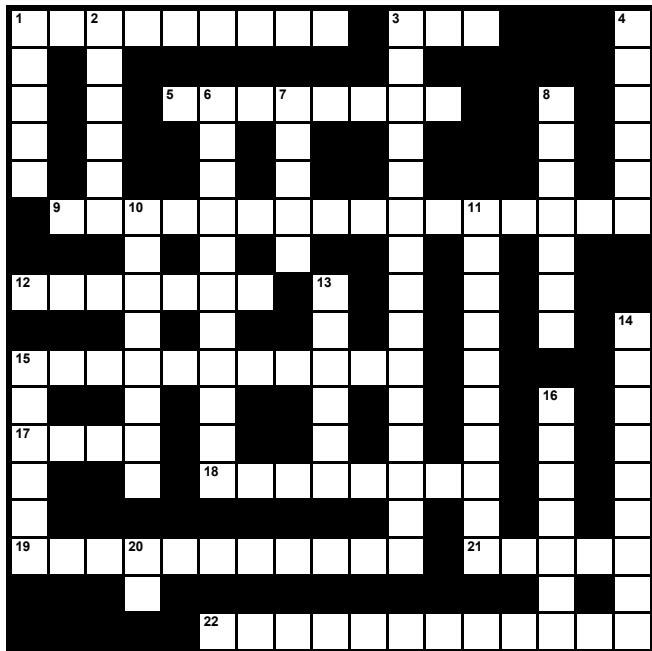


**2003-05-22\_Chemistry\_Atmospheric\_17x17**  
**B.B. Huria**



**Across**

- 1 Living or active in the absence of free oxygen. (9)
- 3 An insecticide that is also toxic to animals and humans; banned in the United States since 1972. (3)
- 5 A common nonmetallic element belonging to the halogens; used to purify water and as a bleaching agent and disinfectant. (8)
- 9 International environmental agreement to prevent the use of substances that are harmful to ozone. (8,8)
- 12 A consistent change in the sea level that affect oceans, throughout the world. (7)

**Down**

- 15 A chemical reaction occurring with absorption of heat. (11)
- 17 Atmospheric moisture or dust or smoke that causes reduced visibility. (4)
- 18 The release or giving out of a gas, light or heat. (8)
- 19 The process of the change in the state of a liquid or solid to a gas or vapour. (11)
- 21 A product of incomplete combustion comprising mostly of carbon and small liquid and solid particles. (5)
- 22 CH<sub>2</sub>O, A colourless poisonous gas; made by the oxidation of methanol. (12)
- 1 A colourless and odourless inert gas; comprises approximately 1% of the earth's atmosphere. (5)
- 2 The ratio of reflected to incident light. (6)
- 3 The process of freeing from nitrogen; also, the condition resulting from the removal of nitrogen. (15)
- 4 Also called carbolic acid. (6)
- 6 The watery layer of the earth's surface; includes water vapour. (11)
- 7 The XXXXs cover approximately 70% of the Earth's surface. (5)
- 8 A slow-moving large mass of ice formed in higher latitudes and elevations. (7)
- 10 Gas which is the major constituent of the atmosphere. (8)
- 11 Steady winds blowing from east to west above and below the equator. (5,5)
- 13 A dark gray cloud bearing rain. (6)
- 14 The regions of the surface and atmosphere of the Earth where living organisms exist. (9)
- 15 A constituent of natural gas with molecular formula C<sub>2</sub>H<sub>6</sub>. (6)
- 16 The branch of biology concerned with the relations between organisms and their environment. (7)
- 20 The logarithm of the reciprocal of hydrogen-ion concentration in gram atoms per liter. (2)