

## APPENDIX

**Acid rain:** It is the rain or any other form of precipitation that is unusually acidic.

**Bio-nomics:** The comprehensive study of an organism on its relation to its environment.

**Chemical waste:** It is the waste that is made from harmful chemicals.

**Climate change:** It refers to a statistically significant variation in either the mean state of the climate or in its variability, persisting for an extended period (typically decades or longer).

**dB:** Sound pressure level is measured in dB (decibels)

**Emigration:** It is the act of leaving one's native country or region to settle in another.

**Environmentology:** The physical and chemical surroundings of an object.  
Ex: temperature and humidity.

**Gaia Concept:** Life on earth is not mechanical. James Lovelock declared that earth which we call inorganic is infact is a living organisms. In fact all organic elements are connected with the inorganic

continuously. Our bodies are earth, water and air. Thus nature is an inevitable part of each animal and plant and each being and plant are parts of nature. Earth that joins and supports the system is an organism having its own organic rules and systems. It can sustain its structure of elements, water air and minerals etc.. in the absence of the destructive interference of man. Nature maintains this equilibrium by the feedback mechanisms and exchange of resources.

If this subtle balance of nature is toppled the earth will destroy the man who is responsible for it by changing to a system, which is not favourable for the continuation of human life on earth. This Gaia hypothesis put forward by Lovelock E James as a scientific supposition has close affinity to the Indian mythological concept of Mother earth.

**Globalwarming:** Increase in the average temperature of Earth's near surface air and oceans.

**Habitat:** The normal locality inhabited by a plant or animal, particularly in relation to the effect of its environmental factors.

**Holistic:** Tendency in nature to produce wholes (bodies or organisms) from ordered grouping of unit structures.

**Immigration:** A category of population dispersal covering one way movement into the population area.

**Introgressive hybridization:** It is the movement of a gene from one species into the gene pool of another.

**Landscape:** A genre of art dealing with the depiction of natural scenery.

**Megalithic period:** Stone age

**Neolithic:** Later part of the stone-age

**Nuclear waste:** It is the radioactive waste left over from nuclear reactors.

**Nutrient:** Providing nourishment.

**Pesticides:** Substance for destroying pests.

**Picturesque:** It is an aesthetic ideal, its relationship to two other aesthetic ideals "in the manner of a picture; fit to be made into a picture".

**Praxis:** A way of doing or use of a theory or a belief in a practical way.

**Stimuli:** It is a cause of change in the internal or external environment.

**Swamping:** Area of ground that is very wet.



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