EDITORIAL

Environmental Problems – Pollution

The rapid growth of industrialization has posed environmental problems of a serious nature all over the world. The term "popullution" has been used recently - too many people and too much pollution[1]. It has been pointed out that man has become a victim of his own technological genius, and the same energy and skill which gave rise to these problems can be marshalled for the purpose of conquering them. The abuse of environment is not local or national, but global and protecting man's environment is a planetary problem.

The science of ecology has been discussed in detail in seven articles[2], covering various aspects. It has been pointed out that the processing of waste-metallic and non-metallic, could be an economic feasibility. Another series of three articles[3] cover environmental and air pollution as well as corrosion. A Royal Commission on Environmental Pollution has been constituted in the U. K : "to advise on matters both national and international, concerning the pollution of the environment ; on the adequacy of research in this field ; and the future possibilities of danger to the environment".

The seriousness and urgency is well borne out by several Symposia held during the year : (1) Environmental Engineering - the European Contribution, Society of Environmental Engineers, Delft, April ; (2) Environmental Pollution, Sydney University Chemical Engineering Association. May ; covering regulation and control of industrial pollution ; (3) Environmental Aspects of Nuclear Power Stations, IAEA, New York, August ; (4) Use of Nuclear Techniques in the Measurement and Control of Environmental Pollution, IAEA, Salzburg, October ; covering mainly problems related to air and water pollution, and contamination caused by toxic residues derived from industrial operations.

The literature on the subject is enormous, and new publications[4] and periodicals[5],[6] have appeared. The need of the hour is the utilization of existing knowledge and search for better methods, so that the ravages due to the environment can be effectively controlled well before the problem goes beyond the control of man.

References

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4. J. N. Pitts and R. L. Metcalf : "Advances in Environmental Sciences and Technology", John Wiley (1970).
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6. "Environmental Control", Leeds & Northrup (1970).

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