SCOPE 32

Land Transformation in Agriculture
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SCOPE is one of a number of committees established by a non-governmental group of scientific organizations, the International Council of Scientific Unions (ICSU). The membership of ICSU includes representatives from 68 National Academies of Science, 18 International Unions, and 12 other bodies called Scientific Associates. To cover multidisciplinary activities which include the interests of several unions, ICSU has established 10 scientific committees, of which SCOPE is one. Currently, representatives of 34 member countries and 15 Unions and Scientific Committees participate in the work of SCOPE, which directs particular attention to the needs of developing countries. SCOPE was established in 1969 in response to the environmental concerns emerging at that time; ICSU recognized that many of these concerns required scientific inputs spanning several disciplines and ICSU Unions. SCOPE’s first task was to prepare a report on Global Environmental Monitoring (SCOPE 1, 1971) for the UN Stockholm Conference on the Human Environment.

The mandate of SCOPE is to assemble, review and assess the information available on human-induced environmental changes and the effects of these changes on humans; to assess and evaluate the methodologies of measurement of environmental parameters; to provide an intelligence service on current research; and by the recruitment of the best available scientific information and constructive thinking to establish itself as a corpus of informed advice for the benefit of centres of fundamental research and of organizations and agencies operationally engaged in studies of the environment.

SCOPE is governed by a General Assembly, which meets every three years. Between such meetings its activities are directed by the Executive Committee.

R. E. Munn
Editor-in-Chief
SCOPE Publications

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75016 PARIS
SCOPE 1: Global Environmental Monitoring 1971, 68pp (out of print)

SCOPE 2: Man-Made Lakes as Modified Ecosystems, 1972, 76 pp (out of print)


SCOPE 4: Environmental Sciences in Developing Countries, 1974, 72pp (out of print)

Environment and Development, proceedings of SCOPE/UNEP Symposium on Environmental Sciences in Developing Countries, Nairobi, February 11-23, 1974, 4pp


SCOPE 6: Environmental Pollutants: Selected Analytical Methods, 1975, 277pp (out of print)

SCOPE 7: Nitrogen, Phosphorus, and Sulphur: Global Cycles, 1975, 192pp (out of print)

SCOPE 8: Risk Assessment of Environmental Hazard, 1978, 132pp

SCOPE 9: Simulation Modelling of Environmental Problems, 1978, 128pp (out of print)

SCOPE 10: Environmental Issues, 1977, 242pp (out of print)

SCOPE 11: Shelter Provision in Developing Countries, 1978, 112pp


SCOPE 13: The Global Carbon Cycle, 1979, 491pp

SCOPE 14: Saharan Dust: Mobilization, Transport, Deposition, 1979, 320pp (out of print)

SCOPE 15: Environmental Risk Assessment, 1980, 176pp

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SCOPE 20: Methods for Assessing the Effects of Chemicals on Reproductive Functions, 1983, 568pp

SCOPE 21: The Major Biogeochemical Cycles and Their Interactions, 1983, 554pp

SCOPE 22: Effects of Pollutants at the Ecosystem Level, 1984, 443pp


SCOPE 24: Noise Pollution, 1986, 472pp

SCOPE 25: Appraisal of Tests to Predict the Environmental Behaviour of Chemicals, 1985, 400pp


SCOPE 28: Environmental Consequences of Nuclear War
   Volume I Physical and Atmospheric Effects, 1985, 342pp
   Volume II Ecological and Agricultural Effects, 1985, 523pp

SCOPE 29: The Greenhouse Effect, Climatic Change and Ecosystems, 1986, 574pp

SCOPE 30: Methods for Assessing the Effects of Mixtures of Chemicals, 1987, 928pp


SCOPE 32: Land Transformation in Agriculture, 1987, 531pp

Funds to meet SCOPE expenses are provided by contributions from SCOPE National Committees, an annual subvention from ICSU (and through ICSU, from UNESCO), and annual subvention from the French Ministère de l'Environnement et du Cadre de Vie, contracts with UN Bodies, particularly UNEP, and grants from Foundations and industrial enterprises.