



Distr.  
GENERAL

A/40/449/Corr.2  
23 December 1985  
ARABIC  
ORIGINAL : ENGLISH



الأمم المتحدة

الجمعية العامة

الدورة الأربعون  
البند ٦٥ (ح) من جدول الأعمال

استعراض تنفيذ التوصيات والمقررات التي  
اعتمدها الجمعية العامة في دورتها  
الاستثنائية العاشرة : منع نشوب حرب نووية

الآثار المناخية للحرب النووية ، بما في  
ذلك الشتاء النووي

تقرير الأمين العام

تصويب

يستعاض عن التبديل بما هو مرفق .

.../...

85-38613

تذييل

ثبت مراجع مختارة

فيما يلي ثبت للمراجع المختارة يوضح النطاق الواسع من المراجع الحديثة (الصادرة ،  
عموما ، منذ عام ١٩٨٢ ) التي تناولت موضوع الآثار المناخية للشتاء النووي . ولم يدرج في  
هذه القائمة عدد كبير آخر من الورقات والمقالات والدراسات التقييمية والنقدية المتخصصة .

Aleksandrov, V. V. and G. L. Stenchikov. 1983. On the modelling of the climatic consequences of nuclear war, The Proceedings on Applied Mathematics, Moscow, The Computing Centre of the USSR Academy of Sciences, 1983.

Aleksandrov, V. V. 1984a. Global shield causes nuclear winter, presented at the conference Nuclear Deterrence: New Risks, New Opportunities, 5-7 September 1984, University of Maryland, College Park, Maryland, United States.

Aleksandrov, V. V. 1984b. "Nuclear Winter" Studies, Science, vol. 225, p. 978.

Aleksandrov, V. V. and G. M. Stenchikov. A Computing Experiment Modelling Consequences of Nuclear War. The Journal of Computing Mathematics and Mathematical Physics, 1984 - 24, No. 1, pp. 140-143.

Alvarez, L. E., W. Alvarez, F. Asaró and H. V. Michel. 1980. Extraterrestrial cause for the Cretaceous-Tertiary extinction, Science, vol. 208, pp. 1095-1108.

Atmospheric calculations suggest a nuclear winter. Physics Today, vol. 37, (February 1984), pp. 17-20.

Barton, I. J. and G. W. Paltridge. "Twilight at noon" overstated. Ambio (Stockholm), 13, pp. 49-51.

Birks, J. Darkness at noon: the environmental effects of nuclear war. Sierra, vol. 68, May-June 1983, pp. 58-61.

Birks, J. W. and P. J. Crutzen. Atmospheric effects of nuclear war. Chemistry in Britain (London), 19, pp. 927-930.

Birks, J. W. and J. Staehelin. 1984. Changes in tropospheric composition and chemistry resulting from a nuclear war. Draft manuscript.

Blokhin, N. 1984. Consequences of nuclear war: "nuclear winter" will destroy plants, peoples and animals. New Perspectives (Helsinki), 14(3), pp. 4-6.

••/••

Boehme, W. 1984. Assessment of the effects of a potential nuclear exchange on the environment of man, especially the atmosphere and the climate. Meteorologischer Dienst Der Deutschen Demokratischen Republik.

Buteux, P. 1984. nuclear winter: a skeptical view. International Perspectives (Ottawa), September-October 1984, PP. 27-29.

Carl, P. 1985. Climatic effects of nuclear war and its consequences for the biosphere. Leipzig, Central Institute of Electronic physics, Academy of Sciences of the German Democratic Republic.

Carrier, G. F. 1984-1985. Nuclear winter: the state of the science. Issues in Science and Technology (Washington)

Cess, R. P., G. L. Potter and W. L. Gates. 1984. Climatic impact of a nuclear exchange: Sensitivity studies using a general circulation model. Paper presented at the Fourth Session of the International Seminar on Nuclear War, Erice, Sicily, 19-24 August 1984.

Chang, J. S. and D. J. Wuebbles. 1982. The Consequences of Nuclear War on the Global Environment. Hearing before the Subcommittee on Investigations and Oversight of the Committee on Science and Technology, United States House of Representatives, 15 September 1982.

Computing Centre of the USSR Academy of Sciences, Section on Climate Modelling. Update of climatic impacts of nuclear exchange. Paper presented at the Fourth Session of the International Seminar on Nuclear War, Erice, Sicily, 19-24 August 1984.

Covey, C., S. H. Schneider, S. L. Thompson. Global Atmospheric Effects of Massive Smoke Injections from Nuclear War: Results from General Circulation Model Simulations. Nature, vol. 308 (1 March 1984), pp. 21-25.

Crutzen, P. J. 1970. The influence of nitrogen oxides on the atmospheric ozone content. Quarterly Journal of the Royal Meteorological Society, vol. 96, pp. 320-325.

Crutzen, P. J., I. E. Galbally and C. Brühl. Atmospheric Effects from Post-Nuclear Fires. Climatic Change, vol. 6 (1984), pp. 323-364.

Crutzen, P. J. and J. W. Birks. 1982. The Atmosphere after a Nuclear War: Twilight at Noon. Ambio, vol. 11, No. 2-3 (1982), pp. 114-125.

Dyson, F. 1984. Weapons and Hope, Harper and Row Publishers Inc., New York.

.. / ..

Ehrlich, A. Nuclear winter: a forecast of the climatic and biological effects of nuclear war. Bulletin of the Atomic Scientists, vol. 40 (April 1984).

Ehrlich, P. 1984. When light is put away: ecological effects of nuclear war. Leaning, J. and L. Keyes, eds. Counterfeit ark (Cambridge, Mass., Ballinger), pp. 247-271, 316-319.

Ehrlich, P. R. and A. H. Ehrlich. Extinction: The Causes and Consequences of the Disappearance of Species (Random House, New York, 1981); N. Myers, A Wealth of Wild Species (Westview Press, Boulder, Colo., 1983).

Ehrlich, P. R. et al. 1983. Long-Term Biological Consequences of Nuclear War. Science, vol. 222 (23 December 1983), pp. 1293-1300.

Ehrlich, P. R., C. Sagan, D. Kennedy and W. O. Roberts. 1984. The Cold and the Dark: the World After Nuclear War. New York: W. W. Norton. Cf. Smith, J. V. 1985. Bulletin of the Atomic Scientists (Chicago) 41(1):49-51. Rathjens, G. W. and R. H. Siegel. 1985. Survival (London) 27:43-44.

Ehrlich, P. R. The nuclear winter: discovering the ecology of nuclear war. Amicus Journal, vol. 5, winter 1984: 20-30

The Environmental Consequences to New Zealand of Nuclear Warfare in the Northern Hemisphere - A Statement of Concern by the Council of the New Zealand Ecological Society (Inc.). Wellington, New Zealand Ecological Society, 5 December 1984.

Galbally, I. E., P. J. Crutzen and H. Rodhe. 1984. Some Changes in the Atmosphere over Australia that may Occur due to a Nuclear War, in Australia and Nuclear War, M. Denborough, ed. (Croon Helm, Sydney, Australia, 1983), pp. 173-179.

Ginsburg, A. S., G. S. Golitsyn and B. B. Vasiliev. 1985. Global consequences of a nuclear war: a review of recent Soviet studies. World Armaments and Disarmament, SIPRI Yearbook, 1985 (London and Philadelphia, Francis and Taylor, 1985), chap. 4.

Golding, B. W., P. Goldsmith and N. A. Machin. 1985. The importance of local Mesoscale factors in any assessment of the nuclear winter scenario. Meteorological Office, Berkshire, United Kingdom of Great Britain and Northern Ireland, June 1985.

.../...

Golitsyn, G. S. 1984. Atmospheric and biological consequences of nuclear war. Regional conference for the World Disarmament Campaign, June 1984/Leningrad, USSR. New York: United Nations Department for Disarmament Affairs, 1984, pp. 123-128.

Golitsyn, G. S. and A. S. Ginsburg. 1984. Comparative estimates of climatic consequences of martian dust storms and possible nuclear war. Moscow: Academy of Sciences Institute of Atmospheric Physics.

Golitsyn, G. S. and A. S. Ginsburg. 1984. Possible climatic consequences of nuclear winter and some natural analogs: scientific investigation. Moscow: Committee of Soviet Scientists for Peace, against the Nuclear Threat.

Greene, O. 1984. Comments on the nuclear winter and non-urban wildfires. Journal of Practical Civil Defence (London) 1984(9):13-15. Cf. ibid. 1984(9):10-13, 15-16.

Greene, O. 1984. Nuclear winter. Sanity (London) 1984(6):16-24.

Gromyko, A. A. et al. 1984. Global Consequences of Nuclear War and the Developing Countries, report of the Committee of Soviet Scientists for Peace, against the Nuclear Threat, Moscow, June 1984.

Grover, H. D. The climatic and biological consequences of nuclear war. Environment, vol. 26, May 1984: 6, 8-13, 34-38.

Gutmacher, R. G., G. H. Higgins and H. A. Tewes. 1983. Total Mass and Concentration of Particles in Dust Clouds. Report UCRL-14397 Revision 2. Livermore: University of California, Lawrence Livermore National Laboratory.

Haberle, R. M., T. P. Ackerman and O. B. Toon. 1983. The dispersion of atmospheric dust and smoke following a large-scale nuclear exchange. Paper presented at the Fall 1983 Meeting of the American Geophysical Union, San Francisco, G. T. Wolff and R. L. Klimsch, eds. New York: Plenum.

Harvey, L. D. and S. H. Schneider. 1984. Three-dimensional general circulation model studies at NCAR of the climatic impact of a nuclear war scenario. Unpublished lecture presented at the Royal Society of Canada's Ottawa workshop.

Harwell, M. A. 1984. Nuclear winter: the human and environmental consequences of nuclear war. New York: Springer-Verlag.

Holdstock, D. 1984. Biological consequences of nuclear winter. Journal of the Medical Association for Prevention of War (now Medicine and War) (London) 3:668-672.

Idso, S. B. 1984. Calibrations for nuclear winter, Nature, vol. 312, p. 407.

- Izrael, Y. A. Ecological Consequences of Possible Nuclear War. Meteorology and Hydrology, 1983, No. 10, pp. 5-11.
- Izrael, Y. A., V. K. Petrov and D. H. Severov. On the Influence of Nuclear Explosions in the Atmosphere On the Ozone Content in the Stratosphere. Meteorology and Hydrology, 1983, No. 9, pp. 5-13.
- Katz, A. M. 1984. Would the living envy the dead?: coming to grips with the nuclear dilemma. Amicus Journal (New York) 5(3):31-37.
- Katz, J. 1984. Atmospheric humidity in the nuclear winter. Nature (London) 311:417.
- Kearny, C. H. 1984. Fire emissions and some of their uncertainties. Journal of Practical Civil Defence (London), 1984(9):10-13. Cf. ibid. 1984(9):13-16.
- Kearny, C. H. 1985. On a "nuclear winter". Science (Washington) 227:356, 358.
- Kelly, M. 1984. Not with a bang but a winter. New Scientist (London) 103(1421):33-36.
- Kennedy, E. M. and M. O. Hatfield, eds. 1984. Washington forum on the world-wide consequences of nuclear war. Disarmament (New York) 7(3):33-62.
- Kibble, T. 1984. Assessment of the nuclear winter. Journal of the Medical Association for Prevention of War (now Medicine and War) (London), pp. 659-667.
- Larson, D. A. and R. A. Small. 1982. Analysis of the large urban fire environment. Part II. Parametric analysis and model city simulations. PSR Report 210, Pacific Sierra Research Corp., Los Angeles, CA, USA Letters on a "nuclear winter". Science, vol. 227 (25 January 1985), pp. 356, 358, 360, 362, 444.
- Larsson, T. 1985. Some comments on the " Nuclear Winter " phenomena . National Defense Research Institute (Sweden).
- Levi, B. G. 1984. Atmospheric calculations suggest a nuclear winter. Physics Today (New York) 37(2):17-20.
- London, J. and G. F. White, eds. 1985. Environmental effects of nuclear war. Boulder, Colo.: Westview Press (submitted for publication).
- Maccabee, H. Nuclear winter: how much do we really know? Reason, vol. 17 (May 1985), pp. 26-35.

.. / ..

MacCracken, M. C. 1983. Nuclear war: Preliminary estimates of the climatic effects of a nuclear exchange. Paper presented at the International Seminar on Nuclear War, Third Session: The Technical Basis for Peace, Ettore Majorana Centre for Scientific Culture, Erice, Sicily, 12-23 August 1983.

MacCracken, M. C. and J. Walton. 1984. The effects of interactive transport and scavenging of smoke on the calculated temperature change resulting from large amounts of smoke. Paper presented at the International Seminar on Nuclear War, Fourth Session, Erice, Sicily, 19-24 August 1984.

Maddox, J., 1984a: Nuclear winter not yet established, Nature, vol. 308, p. 11.

Manins, P. C. 1984. Cloud heights and stratospheric injections resulting from a thermonuclear war. CSIRO Division of Atmospheric Research, Victoria, Australia.

May, M. M. 1984. Atmospheric and biological consequences of nuclear war. In: Regional conference for the World Disarmament Campaign, June 1984/Leningrad, USSR. New York; United Nations Department for Disarmament Affairs, pp. 129-131.

May, M. M. et al. 1984-1985. Nuclear winter: strategic significance. Issues in Science and Technology (Washington) 1(2): 118-133. Cf. ibid. 1(2): 112-117.

McEwan, A. C. 1985. Radiation Doses to the New Zealand Population from Nuclear Warfare, a paper presented at a regional conference on nuclear winter held at Melbourne, Australia, on 28 and 29 March 1985.

Mohan, C. R. 1984. Science and politics of nuclear winter. Strategic Analysis (New Delhi) 8:681-691.

Moiseyev, N. The "Gaea" system and the critical line problem. Scientific World-Wide Federation of Scientific Workers, No. 2, 1985.

Moiseyev, N., V. V. Aleksandrov and A. M. Tarko. Man and the Biosphere: Experience of system analysis and experiments with models. Nauka, Chief Publishing House for Physics and Mathematics Literature, Moscow, 1985.

National Research Council. 1982a. Causes and Effects of Stratospheric Ozone Reduction: An Update, National Academy Press, Washington, D.C., 1982.

National Research Council. 1982b. Carbon Dioxide and Climate: A Second Assessment, National Academy Press, Washington, D.C., 1982.

Obukhov, A. and G. Golitsyn. 1984. Nuclear war: effect on the atmosphere. Peace and Disarmament (Moscow) 1984:98-108.

Obukhov, A. M. and G. S. Golitsyn. Possible Atmospheric Consequences of a Nuclear Conflict, The Earth and the Universe, 1983, No. 6, pp. 4-7.

- Office of Technology Policy. 1985. Interagency research report for assessing climatic effects of nuclear war. Washington, D.C., 5 February 1985.
- Paltridge, G. W. and G. E. Hung. 1984. Three-dimensional climate models in perspective. Ambio (Stockholm) 13:387-388.
- Peczki, J. 1984. Nuclear war: counting the cost. Nature (London) 310:455.
- Petersen, J., ed. 1982. Nuclear war: The aftermath, Ambio 11(2-3).
- Petersen, J., ed. 1983. The Aftermath: The Human and Ecological Consequences of Nuclear War, Pergamon Press, London.
- Petersen, J., ed. 1983. The Aftermath, Pantheon Books, New York.
- Pittock, A. B. 1984-1985. Australia and Nuclear Winter. Search, vol. 15 No. 11-12, December 1984-January 1985, pp. 332-339.
- Pittock, A. B. 1982. Nuclear explosions and the atmosphere, Australian Physicist, 19, pp. 189-192.
- Pittock, A. B. 1983. The Atmospheric Effects of Nuclear War, in Australia and Nuclear War, Michael Denborough, ed. (Croon Helm, Sydney, Australia, 1983).
- Postol, T. A. 1985. Strategic confusion: with or without nuclear winter. Bulletin of the Atomic Scientists (Chicago) 41(2):14-17.
- Powers, T. 1984. Nuclear winter and nuclear strategy. Atlantic Monthly (Boston) 254(5):53-64.
- Powers, T. 1984. Is nuclear war "impossible"? The Atlantic, November 1984, pp. 53-64.
- Ramaswamy, V. and J. T. Kiehl. 1985. Sensitivity of the radiative forcing due to large loadings of smoke and dust aerosols. Journal of Geophysical Research (Washington, D.C.) (submitted for publication).
- Rampino, M. R. and R. B. Stothers. 1985. Climatic effects of volcanic eruptions. Nature (London) 313:272.
- Robock, A. 1984. Snow and ice feedbacks prolong effects of nuclear winter. Nature (London) 310:667-670.
- Sagan, C. 1984. Nuclear war and climatic change. Climatic Change (Dordrecht) 6(1):1-4.
- Sagan, C. Nuclear war and climatic catastrophe: some policy implications. Foreign Affairs, vol. 62 (Winter 1983-84), pp. 257-292.
- Schell, J. 1982. The Fate of the Earth, Avon Books, New York.
- Schell, J. 1984. The Abolition, Alfred A. Knopf, Inc., New York.



- Schneider, S. H. and R. Londer. 1984. The Coevolution of Climate and Life, Sierra Club Books, San Francisco.
- Schneider, S. H. 1985. Nuclear Winter: Its discovery and implications, 1985 Britannica Book of the Year, Encyclopaedia Britannica, Inc., Chicago, pp. 26-33.
- Shepherd, J. and O. Greene. 1984. Nuclear winter: political, strategic implications. Sanity (London) 1984(6):25-27.
- Simpson, R. and R. Gwyther 1985. Nuclear Winter - A scientific fact of alarmist propaganda. (Australia).
- Singer, S. F. 1984. Is the " nuclear winter " real ? Nature (London) 310:625.  
Also: Journal of Practical Civil Defence (London) 1984(9):4.
- Singer, S. F. 1984. Nuclear winter and nuclear freeze. Disarmament (New York) 7 (3) :63-72.
- Singer, S. F. 1985. On a " nuclear winter ". Science (Washington) 227:356.
- Slingo, A. and P. Goldsmith, 1985 Nuclear Winter: Calculations of the shortwave radiative effects of soot aerosols. May 1985.
- Stewart, R. B. 1984. Letter to M. A. Harwell, 13 June 1984, reporting FAO Productivity Model Simulations of 1, 2, 3 and 4 deg. C temperature decreases on wheat and barley production in the Prairie Provinces of Canada.
- Svirezhev, Y. U. Long-term ecological consequences of a nuclear war: global ecological disaster. Contribution to a workshop of the SCOPE/ENUWAR project June 1985.
- Tangley, L. After nuclear war - a nuclear winter. BioScience, vol. 34, (January 1984), pp. 6-9.
- Teller, E. Widespread after-effects of nuclear war. Nature, vol. 310 (23 August 1984), pp. 621-626.
- The climatic, biological, and strategic effects of nuclear war. Hearing, 98th Congress, 2nd session. 12 September 1984. Washington, G.P.O., 1985.
- Thomas, L. Lewis Thomas discusses the threat of nuclear war. Harvard Educational Review, vol. 54, August 1984, pp. 251-259.
- Thompson, S. L., V. V. Aleksandrov, G. L. Stenchikov, S. H. Schneider, C. Covey, and R. M. Chervin. 1984. Global Climatic Consequences of Nuclear War: Simulations with Three-Dimensional Models, Ambio, vol. 13, No. 4, pp. 236-243.

Toyoda, T. 1984. What is "nuclear winter"? Peace Culture (Hiroshima) 1(13):3-4.

Turco, R. P., O. B. Toon, T. P. Ackerman, J. B. Pollack, and C. Sagan. Nuclear Winter: Global Consequences of Multiple Nuclear Explosions. Science, vol. 222 (23 December 1983), pp. 1283-1292.

Turco, R. P., O. B. Toon, T. P. Ackerman, J. G. Pollack, and C. Sagan. The Climatic Effects of Nuclear War. Scientific American, New York, vol. 251, No. 2 (August 1984), pp. 23-33, 114, 7.

Turco, R. P., O. B. Toon, T. P. Ackerman, J. B. Pollack, and C. Sagan, 1984: "Nuclear winter" to be taken seriously, Nature, vol. 311 (27 September 1984), pp. 307-308.

United States National Academy of Sciences. 1975. Long Term Worldwide Effects of Multiple Nuclear Weapon Detonations, National Academy Press, Washington, D.C.

United States National Academy of Sciences. 1985. The Effects on the Atmosphere of a Major Nuclear Exchange, National Academy Press, Washington, D.C.

(USSR) (ed.). 1985. Night after: climatic and biological consequences of a possible nuclear conflict. Moscow: Peace Printing House, in the press.

Warren, S. G. and W. J. Wiscombe. 1985. Dirty snow after nuclear war. Nature (London) 313:467-470.

Wegener, H. 1984. Nuclear winter hypothesis: some personal reflections. Disarmament (New York) 7(3):73-80.

Weinberger, C. W. The potential effects of nuclear war on the climate: a report to the United States Congress. United States Department of Defense, Washington, D.C., 1985.

World Health Organization. Report of International Committee of Experts in Medical Sciences and Public Health. Effects of nuclear war on health and health services. WHO Document A36/12, March 1983.