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1990's; Conclusions; 2 New Military Technologies; New military technologies; Reconnaissance; Weapon guidance; New conventional warheads; Computerized C31 systems; Vulnerability of main battle tanks; Anti-tank missile developments; Non-offensive defence; Criteria for judging change in security policy; 3 Arms Production And Trade; Arms producers; Regional arms producers; Who buys and sells weapons?

Arms exporters Arms importers; Why do countries buy and sell weapons?; 4 The Proliferation Of Ballistic Missiles; 5 The Nuclear Dimension; Nuclear explosives; Fission weapons; Boosted fission weapons; H-bombs; Improving warhead accuracies; Nuclear policies; Nuclear deterrence by assured destruction; Nuclear war-fighting and war-winning; ASW systems; ABM systems; 6 The Spread Of Nuclear Weapons; Peaceful versus military atoms; Plutonium production; Clandestine production of fissile material; The need for nuclear testing; 7 Nuclear Terrorism; The theft of plutonium

Reactor-grade plutonium as an explosive? Is it easy to make a nuclear explosive?; Very crude nuclear explosives; Nuclear terrorist acts; The nuclear black market; 8 Chemical Weapons And Warfare; Types of chemical weapon; Disabling agents; Choking agents; Blister agents; Blood agents; Nerve agents; Effects of exposure to nerve agents; Binary chemical weapons; Past uses of chemical weapons; 9 The Spread Of Chemical Weapons; The American chemical arsenal; The Russian chemical arsenal; The French chemical arsenal; The proliferation of chemical weapons; Iraq; Other countries; Chemical terrorism Tabun Dispersal; 10 Biological Warfare; Past uses of biological weapons; Biological-warfare agents; Biological weapons; Attitudes to biological warfare; 11 The Spread Of Biological Weapons; Biological weapons programmes; Before the Second World War; The Second World War; After the Second World War; 12 Military Genetic Engineering; The production of new biological-warfare agents; 13 Can The Global Arms Trade Be Controlled?; Current restrictions on the arms trade; Controlling the spread of ballistic missiles; Encouraging moves to defensive weaponry; Secrecy in the arms business

14 The Future Of The Nuclear Arsenals The START Treaty; The tactical nuclear arsenals; Unilateral reductions in the nuclear arsenals; Other nuclear-weapon powers; Conclusions; 15 The International Nuclear Non-Proliferation Regime; Why countries go nuclear; Recent developments in the international non-proliferation regime; The future of the nuclear industry; The status of potential proliferators; The 1970 Nuclear Non-Proliferation Treaty; Increasing the credibility of IAEA safeguards; The IAEA Chernobyl report; IAEA safeguards and Iraq's nuclear-weapon programmes  
Improving the credibility of international nuclear safeguards

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## Sommario/riassunto

With the end of the Cold War, many of the old threats to European security have disappeared. New ones, however, are now emerging, particularly in the light of the rise of nationalism and the spread of nuclear, biological and chemical weapons to politically unstable countries. The Role and Control of Weapons in the 1990's examines these security issues - the proliferation of nuclear weapons in the Third World, the threat from international terrorists, the environmental damage caused by modern warfare - to argue that control over weapons of mass destruction must be dramatically increase

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