

## References

### A JUNGLE FULL OF SNAKES? POWER, POVERTY AND INTERNATIONAL SECURITY

1. See SIPRI (1993) *Arms and Disarmament 1993*, Yearbook of the Stockholm International Peace Research Institute, OUP, Oxford
2. Statement by James Woolsey at Senate Hearings, Washington DC, February 1993
3. This paper draws on two recent publications:
  - (a) Rogers, P (1993) *Global Security After the Cold War*, Sheffield Papers in International Studies no 17, University of Sheffield
  - (b) Rogers, P and Dando, M (1992) *A Violent Peace: Global Security After the Cold War*, Brassey's, London
4. *World Declaration and Plan of Action for Nutrition*, International Conference on Nutrition, Rome, December 1992, para 1, Plan of Action
5. Tom Whiston 'Global Rotting' *Times Higher Education Supplement*, 1 October 1993, p 18
6. Newbould, Palmer (1974) 'The Global Ecosystem' chapter in *Human Ecology and World Development*, Vann, A and Rogers, P (eds), Plenum Press, London
7. Brooks, E (1974) 'The Implications of Ecological Limits to Development in Terms of Expectations and Aspirations in Developed and Less Developed Countries' chapter in *Human Ecology and World Development*, ref 6
8. Byron John L (1990) 'A New Target for the Submarine Force' *Proceedings of the US Naval Institute*, January, pp 36-39
9. Strategic Advisory Group of the Joint Strategic Target Planning Staff, US Strategic Air Command, 'The Role of Nuclear Weapons in the New World Order' reported in *Navy News and Undersea Technology*, 13 January 1992, Washington DC
10. Barnett, Roger W (1992) 'Regional Conflict: Requires Naval Forces' *Proceedings of the US Naval Institute*, June, pp 28-33
11. Rogers, P (1992) 'A Bomb to Bash the Bullies' *The Guardian*, London, 2 July 1992
12. Kyle, John (1993) 'Commentary: Pursue Global Protection' *Defense News*, May, 1993

13. 'Third World Missile Forces' *For Your Eyes Only*, Washington DC, 10 May 1993
14. Leopold, George and Opall, Barbara (1992) 'US, Russia Push Global Protection Plan' *Defense News*, 23 November, p 3
15. Henderson, Breck W (1993) 'Lockheed Wins \$689-million Theatre Defense Contract' *Aviation Week and Space Technology*, 21 September, pp 59-60
16. 'Cruise Missiles Becoming Top Proliferation Threat' *Aviation Week and Space Technology*, 1 February 1993, pp 26-7
17. *ibid*
18. Fulghum, David A (1993) 'US Developing Plan to Down Cruise Missiles' *Aviation Week and Space Technology*, 22 March, pp 46-7
19. Rogers, Paul (1988) *Guide to Nuclear Weapons*, Berg Press, Oxford
20. Fulghum, David A (1993) 'ALCMs Given Nonlethal Role' *Aviation Week and Space Technology*, 22 February, pp 20-22
21. Fulghum, David A (1993) 'Loh Outlines Bomber Plans' *Aviation Week and Space Technology*, 5 July, pp 26-28
22. Munro, Neil (1993) 'Demonstrations Propel USAF Weapon Efforts' *Defense News*, 5 July, p 8
23. Fulghum, David A (1993) 'New Missile Threats Drive EF-111 Program' *Aviation Week and Space Technology*, 10 May, pp 24-25
24. Canan, James W (1993) 'Expeditionary Force' *Air Force Magazine*, June, pp 20-25
25. Ochmanek, David and Bordeaux, John (1993) 'The Lion's Share of Power Projection' *Air Force Magazine*, June, pp 38-42
26. The development of force projection is examined more fully in Rogers, P and Dando, M (1992) *A Violent Peace: Global Security After the Cold War*, Brassey's, London
27. Watkins, Admiral James D (1986) 'The Maritime Strategy' special supplement to the *Proceedings of the US Naval Institute*, January
28. O'Keefe, Sean *et al* (1992) '...From the Sea - Preparing the Naval Service for the 21st Century' *Proceedings of the US Naval Institute*, November, pp 93-96
29. *ibid*
30. Cushman, John H (1993) 'Maneuver... From the Sea' *Proceedings of the US Naval Institute*, April, pp 47-48
31. Quoted in *Defense News*, 28 June 1993
32. Morrocco, John D (1993) 'US Navy Reorients to Coastal Warfare' *Aviation Week and Space Technology*, 22 March, pp 56-57
33. Lawrence, W P (1993) 'Can Land-Based Bombers Replace Aircraft Carriers?' *Proceedings of the US Naval Institute*, June, pp 12-13
34. Munro, Neil and Opall, Barbara (1992) 'Army, Navy Challenge USAF Strike Mission' *Defense News*, 23 November, p 4
35. 'New Technologies Required for Special Operations' *Tactical Technology*, 12 May 1993

36. *ibid*
37. As one example of the developing ideas on the economics of sustainable development, see Ekins, Paul and Max-Neef, Manfred (eds) (1992) *Real Life Economics, Understanding Wealth Creation* Routledge, London

### CONFLICT AND DEVELOPMENT: WHAT KINDS OF POLICIES CAN REDUCE THE DAMAGING IMPACT OF WAR?

- For a more detailed discussion of this see Frances Stewart (1993) 'War and underdevelopment: can economic analysis help reduce the costs?' *Journal of International Development Studies*, vol 5, no 4, pp 357–380. This includes many references to the literature in this area. See especially: Boothby (1990) 'Working in the war zone: a look at psychological theory and practice in the field' *Mind and Human Interaction*, vol 2, no 2  
Dodge, C and Ranadalea, M (1991) *Reaching Children in War*, Sigma Forlag, Bergen  
Green, R (1992) 'Conflict, food and famine, reflections on sub-Saharan Africa' in Petty *et al* (eds), *Conflict and Relief in Contemporary African Famines* (mimeo), Save the Children Fund and London School of Hygiene and Tropical Medicine, London  
Keynes, J M (1939) 'Paying for the war' *The Times*, 14 and 15 November 1939, reprinted in Moggridge, D (ed) (1978) *The Collected Writing of John Maynard Keynes*, vol XXII, Macmillan, London  
Lake, A *et al* (1990) *After the Wars*, ODC Policy Perspectives no 16, ODC, Washington  
Sen, A K (1981) *Poverty and Famines: an Essay on Entitlement and Deprivation*, Clarendon Press, Oxford  
Watson, T (1991) 'Humanitarianism and war: learning the lessons from recent armed conflicts' Occasional Paper 8, Institute for International Studies, London  
Zwi, A and Ugalde, A (1989) 'Towards an epidemiology of political violence in the Third World' *Soc. Sci. Med.* vol 28, no 7, pp 633–642
- For further exploration of the issues discussed in this Mozambique case study see:  
Green, R H (1993) 'The Four Horsemen Ride Together: scorched fields of war in Southern Africa' *Journal of Refugee Studies*, forthcoming  
Hanlon, J (1991) *Mozambique: Who Calls the Shots?*, James Currey, London  
Hermele, K (1992) *Mozambican Crossroads: economics and politics in the era of structural adjustment*, Chr Michelsen Institute, Norway  
Nunes, J (1992) *Peasants and Survival: the social consequences of displacement* unpublished report for SIDA, Maputo, Mozambique  
Wilson, K B (1991) 'The New Missionaries' review of J Hanlon

- Mozambique: Who Calls the Shots?* in *Southern African Review of Books*, no 11, July/October 1991  
Wilson, K B (1992) *Internally Displaced, Refugees and Returnees in and from Mozambique*, SIDA Studies in Emergencies and Disaster Relief, no 1, Stockholm, Sweden  
Wilson, K B (1992) 'Relief and Livelihoods in War Zones in Africa' pp 1–3 *Development Research Insights*, ODI/IDS, Brighton  
Wilson, K B with Nunes, J (1993) 'Repatriation to Mozambique: refugee initiative and agency planning: the case of Milange District, 1982–1991' in Allen, T and Morsink, H (eds) (forthcoming 1994) *When Refugees Go Home: African Experiences*, James Currey, London and Africa World Press, Trenton NJ

### THE DEVELOPMENT TRAP: MILITARISM, ENVIRONMENTAL DEGRADATION AND POVERTY IN THE SOUTH.

- Sometimes also called Third World, less-developed or underdeveloped countries.
- See Deger, Saadet (1986) *Military Expenditure in the Third World Countries: The Economic Effects*, Routledge and Kegan Paul, London; and Ball, Nicole (1988) *Security and the Economy in the Third World*, Adamantine Press, London
- For example see Myers, Norman (1989) 'Environment and Security' *Foreign Policy*, vol 74, spring, pp 23–41, especially p 25
- World Bank, *World Development Report 1990*, Oxford University Press, Oxford p 7. Table 2.1 on p 29 shows the distribution of poor by regions around the world in 1985
- United States Arms Control and Disarmament Agency (1990) *World Military Expenditures and Arms Transfers 1989*, US Government Printing Office, Washington DC
- Deger, Saadet (1991) 'World Military Expenditure' in SIPRI Yearbook *World Armament and Disarmament 1991*, OUP, pp 115–35, provides a recent survey on the trends of world military spending
- Mohammed, N A L (1992) *Military Expenditure in Sub-Saharan Africa: A Comparative Analysis and Case Study of the Sudan*, PhD Dissertation, Cambridge University, and Mohammed, N A L (1993) 'Militarization in Sudan: Trends and Determinants' *Armed Forces & Society*, vol 19, no 3, deal with the frequency of military coups and the size of the armed forces in Africa
- Wolpin, Miles D (1986) *Militarization, Internal Repression and Social Welfare in the Third World*, Croom Helm, London
- Mohammed, N A L (1989) 'Environmental Degradation is a Result of

- Poverty: Rapid Growth is therefore Needed for the Protection of the Environment in the LDCs?' mimeograph, University of Cambridge, p 3
10. Hardoy, Jorge & Satterthwaite, David (1985) 'Third World Cities and the Environment of Poverty' ch 7, pp 171-210, in Repetto, Robert (ed) (1985) *The Global Possible: Resources, Development and New Century*, Yale University Press, London, point to the effect of this migration on the internal (home) environment, cities, and regions' environments
  11. UNEP (1975) 'The Proposed Programme' (UNEP/GC / 3), Nairobi, para 100
  12. The World Commission on Environment and Development (1987) *Our Common Future*, OUP, Oxford, p 45
  13. See, for example, Benoit, Emile (1978) 'Growth and Defence in Developing Countries' *Economic Development & Cultural Change*, vol 26, no 2, pp 271-80; and Janowitz, M (1964) *The Military in the Political Development of New Nations*, Phoenix Books, London
  14. Most LDCs and particularly African countries have volunteer armies. See Ball, ref 2, p 308, Figure 8-1
  15. Deger, Saadet & Smith, Ron (1985) 'Military Expenditure and Development: The Economic Linkages' *IDS Bulletin*, vol 16, no 4, pp 49-54 argue that the government expenditure in LDCs equals the finance which is available from tax revenues, domestic borrowing, money creation and foreign aid. This inelastic function sets an upper limit on the budget allocations
  16. See Ball, ref 2, p 323
  17. Harris, G, Kelly, M & Pranowo (1988) 'Trade-offs Between Defence and Education/Health Expenditures in Developing Countries' *Journal of Peace Research*, vol 25, no 2, pp 165-77. However, in a sample of 26 African countries for the period 1967-1976, Nabe, Omar (1983) 'Military Expenditures and Industrialization in Africa' *Journal of Economic Issues*, vol 17, no 2, pp 575-87, concludes that military expenditure impeded social development efforts in education in these countries
  18. Ibid refs 15-17
  19. See Mohammed (1992) 'Military Expenditure in Sub-Saharan Africa: A Comparative Analysis and Case Study of the Sudan', PhD Dissertation, Cambridge University and Deger (1986) in *Military Expenditure in the Third World Countries: The Economic Effects*, Routledge and Kegan Paul, London, pp 87-8
  20. Brzoska, M (1983) 'Research Communication: The Military Related External Debt of Third World Countries' *Journal of Peace Research*, vol 20, no 3, pp 271-7
  21. Hess, P (1989) 'Force Ratios, Arms Imports and Foreign Aid Receipts in the Developing Nations' *Journal of Peace Research*, vol 26, no 4, pp 399-412 found that arms imports had a significant positive impact on receipts of foreign aid in a sample of 76 LDCs for the period 1978-1984. However, this depended on the composition of nations in the sample. The significance of arms imports vanished when the Middle Eastern countries were omitted from the sample
  22. Eleazu, U O (1973) 'The Role of the Army in African Politics: a Reconsideration of Existing Theories and Practices' *The Journal of Developing Areas*, vol 7, no 2, pp 265-286
  23. See Benoit, Emile (1978) 'Growth and Defence in Developing Countries' *Economic Development and Cultural Change*, vol 26, no 2
  24. For example, see Deger (1986) in *Military Expenditure in the Third World Countries: The Economic Effects*, Routledge and Kegan Paul, London, pp 87-8; Deger, Saadet & Smith, Ron (1983) 'Military Expenditure and Growth in less Developed Countries' *Journal of Conflict Resolution*, vol 27, no 2, pp 335-53; and Faini, R, Annez, P & Taylor, L (1984) 'Defense Spending, Economic Structure, and Growth: Evidence Among Countries and Over Time' *Economic Development & Cultural Change*, vol 32, no 3, pp 487-98 for empirical evidence. This is reviewed in detail in Mohammed, ref 7
  25. Smith, D & Smith, Ron (1980) 'Military Expenditure, Resources and Development' *Birkbeck College Discussion Paper no 87*, University of London
  26. See Nabe, ref 17
  27. Gyimah-Brempong, K (1989) 'Defense Spending and Economic Growth in Sub-Saharan Africa: An Econometric Investigation' *Journal of Peace Research*, vol 26, no 1, pp 79-90
  28. Mohammed, N A L (1993) 'Defence Spending and Economic Growth in Sub-Saharan Africa: Comment on Gyimah-Brempong' *Journal of Peace Research*, vol 30, no 1, pp 95-97 and Mohammed, NAL (1993) 'Defence Spending and Economic Growth in Sub-Saharan Africa: A Rejoinder' *Journal of Peace Research*, vol 30, no 1, p 99
  29. See also Scheetz, T (1991) 'The Macroeconomic Impact of Defence Expenditures: Some Econometric Evidence for Argentina, Chile, Paraguay and Peru' *Defence Economics*, vol 3, no 1, pp 65-81
  30. Looney, E Robert (1986) 'Austerity and Military Expenditures in Developing Countries: The Case Study of Venezuela' *Socio-Economic Planning Sciences*, vol 20, no 3, pp 161-4
  31. For example, Verner, J G (1983) 'Budgetary Trade-Offs Between Education and Defense in Latin America: A Research Note' *Journal of Developing Areas*, vol 18, no 1, pp 77-92. Another example of a study on warfare-welfare trade-offs is Dixon, W J & Moon, B E (1986) 'The Military Burden and Basic Human Needs' *Journal of Conflict Resolution*, vol 30, no 4, pp 660-84. They found that when controlling for the size of the military establishment, military spending tends to inhibit welfare outcomes in LDCs
  32. For a discussion of the developmental effects of Third World armies, see Benoit, ref 13, and Ball, ref 2
  33. Homer-Dixon, Thomas F (1990) 'Environmental Change and Violent

- Conflict' *Occasional paper no 4*, International Security Studies Program, American Academy of Arts and Sciences, Cambridge, Massachusetts, US  
 See also Atles, E J Karthals (1992) 'The Arms Race, Development and the Environment in Peacetime' pp 65–79, and Gamba-Stonehouse, Virginia (1992) 'Environmental Crises: Cause or Consequence of International Conflict?' pp 101–113, both in Gleditsch, Nils Petter (ed) (1992) 'Conversion and the Environment, Proceedings of a Seminar in Perm, Russia, 24–27 November, 1991' *International Peace Research Institute, Oslo, PRIO Report no 2*, May 1992, and Westing, Arthur H (1989) 'The Environmental Component of Comprehensive Security' *Bulletin of Peace Proposals*, vol 20, no 2, pp 129–134
34. See Ball, ref 2 and Maizels, A & Nissanke, M K (1986) 'The Determinants of Military Expenditures in Developing Countries' *World Development*, vol 14, no 9, pp 1125–40
  35. See Brauer, Jurgen 'Arms Production in Developing Nations: the Relation to Industrial Structure, Industrial Diversification and Human Capital Formation' *Defence Economics*, vol 2, no 2, 1991, pp 165–176 for the recent trend of arms production in the Third World
  36. See Atles, ref 33, p 71
  37. Chourci, N (1992) 'Natural Resources and Conflict: The Need for Confidence-Building and Crisis Management. Environment and Conflict: New principles For Environmental Conduct' *Disarmament*, vol 15, no 1, pp 67–78
  38. Of which 59% are in uniform. See Westing, Arthur H (1988) 'The Military Sector vis-a-vis the Environment' *Journal of Peace Research*, vol 25, no 3, pp 257–264
  39. Ibid
  40. Cookson, Clive 'War Worsens the Spread of Aids in Africa', *Financial Times*, 27 August 1992
  41. See Westing, ref 33, p 129
  42. See ref 12, p 290
  43. See Gamba-Stonehouse, ref 33, p 102. Gleick, P (1990) 'Environment, Resources and Security; Arenas for Conflict, Areas for Cooperation' *Plenary Address to the 40th Pugwash Conference*, 19 September 1990, UK provides many examples of how resources have been used as strategic goals, have been targets during conflict, and have been tools of war
  44. Deger, Saadet, & Sen, Somnath (1992) 'Reorientation and Conversion of Military R&D towards Environmental R&D and protection' pp 165–194, in Gleditsch (ed) ref 33. See also Westing, ref 33 for the regional threats of water pollution
  45. Starr, Joyce R (1991) 'Water Wars' *Foreign Policy*, no 82, pp 17–36, reviews conflicts emanating from water competition, with special emphasis on the Middle East. See also Lodgaard, Sverre (1992) 'Environmental Security, World Order, and Environmental Conflict Resolution' pp 115–136, in Gleditsch (ed) ref 33

46. See Gamba-Stonehouse, ref 33, p 109. Homer-Dixon, ref 33, p 3 also shows the effect of environmental factors on the conflict over the Euphrates river and on the internal conflict in the Philippines
47. Quoted in Myers, ref 3, p 32
48. See ref 12, p 7
49. See Homer-Dixon, ref 33, for an excellent theoretical discussion of the causal links between environmental change and conflict
50. *Conversion—Opportunities for Development and Environment: The Process of Transition from Military to Civilian Economies*, International Conference, 24–27 February 1992, Dortmund, Germany, Conference Report, p 8
51. See the World Bank, *World Development Report 1990*, ref 4, and Hassan, Shaikat (1991) 'Environmental Sources of Conflict in the South Asian Subcontinent' *Disarmament*, vol 15, no 1, pp 79–95 for some recommended measures to eliminate poverty
52. Gleditsch, Nils Petter & Molvaer, Reidulf (1992) 'Introduction: Conversion and the Environment' pp 1–19, in Gleditsch (ed), ref 33
53. Dunne, Paul & Willett, Susan 'The Economics of Conversion in the United Kingdom' paper presented to UN Conference on *Conversion – Opportunities for Development and Environment*, Dortmund, 24–27 February 1992
54. Batchelor, Peter & Mohammed, Nadir 'Demilitarization and Conversion in Africa' paper presented to the *Conference of Socialist Economists*, London, 10–13 July 1992
55. Kaldor, M 'Problems of Adjustment of Lower Levels of Military Spending in Developed and Developing Countries', paper prepared for World Bank Conference, Washington DC, 25–26 April, 1991
56. See ref 53
57. Gleditsch, ref 33, p 32
58. Perelet, Renat (1992) 'Environmentally Sound Conversion: International Experience' pp 231–242, in Gleditsch (ed), ref 33, gives many examples of making effective use of military products, facilities and personnel. Examples could be the use of military satellites for environmental monitoring, or troops for eliminating negative consequences of technological accidents
59. See ref 50, p 22
60. See refs 54 & 55
61. See also ref 53
62. Crongberg, Tarja (1992) 'The Social Construction of Military Technology: With Special Reference to the Environment' pp 139–164, in Gleditsch (ed), ref 33, that whole volume; ref 53; Barker, Terry, Dunne, Paul & Smith, Ron (1991) 'Measuring the Peace Dividend in the United Kingdom' *Journal of Peace Research*, vol 28, no 4, pp 345–358; and Dunne, Paul (1991) 'Conversion and Employment: a Comparative Assessment' *DAE Working Paper no 9116*, University of Cambridge, for further discussion of the issues associated with conversion

## MILITARISM, THE UK ECONOMY AND CONVERSION POLICIES IN THE NORTH

1. Vagts, A (1959) *A History of Militarism, Civilian and Military*, Hollis and Carter, London
2. Shaw, M (1991) *Post Military Society – Militarism, Demilitarisation and War at the end of the Twentieth Century*, Polity Press, Cambridge, pp 9–15
3. Barnett, C (1986) *The Audit of War: The Illusion and Reality of Britain as a Great Power*, Macmillan, London
4. Edgerton, D (1991) *England and the Aeroplane – An Essay on a Militant and Technological Nation*, Macmillan, London, p 65
5. Ibid, p 82
6. Ibid, p 88
7. Hogan, M J (1987) *The Marshall Plan, America, Britain and the Reconstruction of W Europe*, Cambridge University Press, London, p 380
8. Science Policy Study Group (1991) *Future Relations Between Defence and Civil Science and Technology*, SPSG, London, p 1
9. Project on Demilitarization (1993) *Militarism or Disarmament? Challenging the West's Technological Arms Race*, Prodem, Leeds, p 1
10. Ricardo, D (1973) *The Principles of Political Economy and Taxation*, J M Petit and Sons, London, pp 160–61
11. Tate, M (1971) *The Disarmament Illusion: The Movement for the Limitations of Armaments to 1907*, Russell & Russell, London, p 12
12. Mosley, H (1984) *The Arms Race, Economic and Social Consequences*, Lexington Books, Lexington, US, p 9
13. Ibid, p 12
14. See, for example, Chalmers, M (1985) *Paying for Defence, Military Spending and British Decline*, Pluto Press, London, and Melman, S (1974) *The Permanent War Economy: American Capitalism in Decline*, Simon and Schuster, New York
15. See Chalmers, ref 14, p 56
16. See Chalmers, ref 14, p 112
17. Benn, T (1974) *Speeches by Tony Benn*, Spokesman Books, London, p 48
18. Coopey, R (forthcoming) 'Restructuring Civil and Military Science and Technology: The Ministry of Technology in the 1960's.' in Coopey *et al* (eds) *Defence Science and Technology, Adjusting to Change*, p 66
19. Ibid, p 75
20. *Statement on the Defence Estimates 1990*, HMSO, Cmnd 1022-I
21. House of Commons Science and Technology Committee, First Report Session 1992–93, *The Policy and Organisation of the Office of Science and Technology*, volume 2, HC 228-II, pp 184–187
22. *Financial Times*, 27 September 1993
23. Deger, S (1993) 'World Military Expenditure' in *SIPRI Yearbook 1993*, OUP, Oxford, p 367

24. Cooper, J (1991) *The Soviet Defence Industry – Conversion and Reform*, RIIA/Pinter, London, p 95
25. Cooper, J (1993) *The Conversion of the Former Soviet Defence Industry*, RIIA, Chatham House, London, pp 23–24
26. Ibid, p 33
27. Ibid, p 38
28. *Financial Times*, 12 March 1993
29. *New Economy*, 1993, vol 4, no 1, p 2 National Commission for Economic Conversion and Disarmament, Washington
30. Office of Technology Assessment (1993) *Defence Conversion: Redirecting R&D – Summary*, OTA, Washington, pp 28–29
31. Ibid, p 31
32. *New Economy*, 1992, vol 3, no 4, p 2
33. See ref 30, p 10
34. *The Guardian*, 19 February 1993
35. *UK Defence Statistics 1993*, Ministry of Defence, Table 2.24, p 43
36. Select Committee on Trade and Industry (1993) *British Aerospace Industry* 3rd Report, HC 536-I, Session 1992–93
37. Project on Demilitarization (forthcoming) *Arms Conversion East and West*, Prodem, Leeds
38. European Parliament Committee on Regional Policy (1993) *Regional Impact of the Conversion of the arms industries – Draft report*, p 14
39. See ref 37

## PROMOTING REAL SECURITY – IMPLICATIONS FOR POLICY IN THE NORTH

1. This chapter is based on an edited, revised version of *Biting the Bullet: Real Security in a New World*, published by WDM in September 1993
2. Hargreaves, Clare (1992) *Snowfields*, Zed, London
3. *Financial Times*, 6 July 1993
4. *The Times*, 6 July 1993, p 18
5. *Sunday Times*, 11 July 1993
6. SIPRI Yearbook 1993, *Press Summary*, 15 June 1993, p 9. Russia's budget for procuring military equipment fell by 32 per cent in 1991 and 68 per cent in 1992, according to *The Economist*, 28 August 1993. This article also shows the great problems faced by the government in trying to manage such a large and rapid transition.
7. Defending Our Future: Statement on the *Defence Estimates 1993*, cm 2270 HMSO, London, July 1993, p 8
8. *Defence Estimates 1993*, p 77
9. A point noted, for example, in a *Financial Times* leader 'Rethinking British Defence', 10 February 1993

10. Using this group for comparison follows an approach used by Malcolm Chalmers, 'Britain and Alliance Burden-Sharing' in Clarke, Michael and Sabin, Philip (eds) (1993) *British Defence Choices for the Twenty-First Century*, Centre for Defence Studies and Brassey's, London. The average is not weighted according to the economic size of the countries. If the average of all 11 of Britain's EC partners is used for comparison, the national average figure is only slightly higher, at 2.4% of GNP
11. Ref 10, Table 1
12. See ref 9
13. Halliday, Fred (1993) *Sleepwalking through history? The New World and its Discontents*, Discussion Paper 4, The Centre for Global Governance, London School of Economics, London
14. For a disturbing and rigorous critique of intervention in Somalia see African Rights (1992) *Operation Restore Hope: A Preliminary Assessment*, 11 Marshalsea Rd, London SE1 1EP
15. Ref 14, p 53
16. SIPRI (1993) *SIPRI Yearbook 1993*, OUP, Oxford
17. *Good government and the aid programme*, speech by Lynda Chalker at the Royal Institute of International Affairs, 25 June 1991
18. *The Guardian*, 18 February 1993
19. Speech to Royal Institute for International Affairs, (Chatham House), London, 27 January 1993
20. Ref 8, p 45
21. £18.7 million from the MoD. £17.7 million under the UK Military Training Assistance Scheme which brought 367 students from 54 countries to courses in the UK and funded the provision of 115 Loan Service Personnel to 16 countries where some 11,000 military students received training (FCO Departmental Report 1993, p 19)
22. Ref 8, p 52
23. Ref 8, p 74
24. British American Security Information Council (1993) *Showing no restraint: Missed opportunities for arms trade control*, BASIC, London
25. Ref 8, p 74
26. Export Credit Guarantee Department (1993) *Annual Report and Trading Accounts 1991/92*, HMSO, London, p 10
27. Trade and Industry Committee, House of Commons (1992) *Exports to Iraq: Minutes of Evidence*, Midland Bank, HMSO, London, 12 February 1992, p 375
28. Amnesty International British Section (1992) *Repression Trade (UK) Limited: How the UK makes torture and death its business*, London
29. UNDP (1993) *Human Development Report 1993*, OUP, Oxford, Table 3, p 141
30. Ref 29, Table 21, p 177
31. UNICEF (1993) *State of the World's Children Report 1993*, OUP, Oxford, p 50

32. United Nations Fund for Population Activities (1993) *The State of World Population 1993*, UNFPA, New York, p 32
33. Ref 31, p 49
34. Ref 31, p 49
35. UNDP (1992) *Human Development Report 1992*, OUP, Oxford, p 82
36. Ref 6, p 9
37. Quoted in Deger, S and Sen, S (1991) *Arms and a child: A SIPRI report for UNICEF on the impact of military expenditure in Sub-Saharan Africa on the survival, protection and development of children*, UNICEF Staff Working Paper 9, p 33
38. Ref 37, p 38
39. Ref 31, p 50
40. In a speech by then World Bank President Barber Conable, quoted in the *Financial Times*, 27 September 1989
41. Ref 16, p 393
42. Catholic Institute for International Relations (1992) *Brazil: Democracy and development* (Comment series), CIIR, London, p 24
43. George, Susan (1992) *The Debt Boomerang: How Third World Debt Harms us all*, TNI/Pluto, London, p 166
44. CIIR (1993) *Coca, Cocaine and the War on Drugs*, CIIR Comment, London, p 11
45. Lloyds List, 'GATT says free trade can help stifle drugs' 1 April 1993
46. *Financial Times*, 18 July 1991
47. Call, Chuck (1992) *The US drug war in Colombia*, Paper presented to the CIIR seminar, 'Colombia: Prospects for peace and democracy', April 1992, p 1
48. Foreign and Commonwealth Office (1993) *Central America, the Caribbean and Mexico: The fight against drug trafficking*, FCO Background Brief, London
49. *Financial Times*, 12 September 1993
50. *Sunday Express*, 25 March 1990
51. Ref 47, p 12
52. Quoted in ref 47, p 3
53. Quoted in ref 47, p 13
54. MoD (1993) *Defence Statistics 1993*, HMSO, London
55. Barker, Terry, Dunne, Paul and Smith, Ron (1991) 'Measuring the Peace Dividend in the United Kingdom' *Journal of Peace Research*, vol 28, no 4, p 531
56. This last point is particularly stressed in the conclusion of Schofield, Steven, Dando, Malcolm, and Ridge, Michael (1992) *Conversion of the British Defence Industries*, Peace Research Report no 30, Department of Peace Studies, University of Bradford, Bradford, p 85
57. *Financial Times*, 12 March 1993
58. Brett, Bill, Gill, Ken and Todd, Ron (1992) *The new industrial challenge: The need for defence diversification*, Institute of Professionals, Managers and

- Specialists (IPMS), Manufacturing, Science, Finance Union (MSF) & Transport and General Workers Union (TGWU), London, p 3
59. TGWU Biennial delegates conference 1993, Composite motion 41, 'Defence and Defence Diversification'
  60. McMahan, Will and Williamson, Janet (1993) *Arms Conversion*, Campaign Against the Arms Trade (CAAT), London
  61. See Chalmers, Malcolm (1990) *UK Defence Requirements 1990-2000*. Saferworld, Bristol, 1990 and ref 10 for a much more detailed scenario of how personnel and equipment could be scaled down to meet a 50 per cent reduction
  62. Public Expenditure Statement, November 1993
  63. UNDP (1991) *Human Development Report 1991*, OUP, Oxford, p 81
  64. Foreign Affairs Committee Report *Expenditure Plans of FCO and ODA*, July 1993, p 31
  65. Projections based on UNICEF, ODA projects
  66. Low income countries (those with per capita incomes of less than US\$610 in 1990) owe the UK about £4 billion, so an 80% write-off would cost £3.2 billion. (*Hansard*, vol 205, col 169, 4 March 1992)
  67. *Financial Times*, 6 November 1992
  68. *Hansard*, vol 227, col 87-88, 22 June 1993
  69. For a detailed analysis of these issues see Saferworld (1992) *Arms and Dual-Use Exports from the EC: A Common policy for Regulation and Control*, Saferworld, Bristol

## CONCLUSION: PROPHETS AND PRACTITIONERS

1. Chambers, R (1983) *Rural Development: Putting the Last First*, Longman, Harlow
2. Max-Neef, Manfred 'Development and human needs' in *Real Life Economics: Understanding Wealth Creation*, Paul Ekins and Manfred Max-Neef (eds) (1993) Routledge, London and New York, pp 194-214
3. See Coote, Belinda (1992) *The Trade Trap - Poverty and the Global Commodity Markets*, Oxfam, Oxford, which looks at the terms of trade between North and South and calls for the development of a fair trading system, and Tim Lang and Colin Hines (1993) *The New Protectionism - Protecting the future against free trade*, Earthscan, London, which calls for sustainable trade that protects the environment and builds on local trade and production rather than unregulated global trade
4. Sklair, Leslie (1991) *Sociology of the Global System*, Harvester Wheatsheaf, New York & London
5. Renner, Michael (1993) *Critical Junctions: The Future of Peacekeeping*, Worldwatch Paper 114, Worldwatch Institute, Washington DC
6. Ref 5, p 29