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science and technology; 4. Kenya; Introduction; Recent economic history; Investment for the future; R&D institutions; Science and technology at the Kenyan universities; Estimating Kenya's total expenditures on advancing science and technology; 5. Tanzania; Introduction; Macro-economic trends in the Tanzanian economy; The structural readjustment programmes; R&D institutions Education in science and technology Estimates of the resources devoted to the pursuit of science and technology; 6. Uganda; Introduction; Recent economic history; Investment for the future; R&D institutions; The Scientific and Technical Faculties of the University; Summary; Part III: Effects of the pursuit of science and technology; 7. Effects on the economy as a whole; Introduction; Overall expenditures on advancing science and technology; Expenditures of R&D institutes; Government financing of advances in science and technology; Flow of foreign funds into science and technology Summary of the statistical evidence A counterfactual experiment; 8. Effects among the sectors of the economy; Introduction; Economic activity by sector; Mobility between sectors; Transfer of resources and institutions from the public to the private sector; Summary; 9. Effects within organizations; Introduction; Distinguishing between goods of greater and lesser economic potential for sub-Saharan African countries; The maintenance of firms' capital equipment; The effectiveness of R&D efforts; A counterfactual experiment; Summary; Part IV: Conclusions and recommendations; 10. Conclusions Introduction A summary of the conclusions; Fluctuations in local government expenditures on the pursuit of science and technology; Increases in total expenditures on the pursuit of science and technology; The effects upon different areas of science and technology have been widely different; The areas of science and technology most vigorously pursued are increasingly determined by foreigners; The choice of the areas of science and technology to be pursued is based primarily upon the effects of such choice on the developed countries; Changes in decision-making for science and technology 11. Policy recommendations

Sommario/riassunto

This is a study of the impact of the economic crisis and subsequent adjustment policies in the African economies on the scientific and technological capabilities in those countries. It includes studies of Ghana, Tanzania, Kenya and Uganda.
