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150 New Scientist 17 April 1980

Thorny questions over remote sensing

Data from resource satellites such as Landsat are expensive, and disturbingly few people in developing countries have been trained to interpret them. Add in the arguments about whether some countries should have exclusive rights to data and you have the ingredients of an international political debate of increasing importance

432 New Scientist 17 February 1983

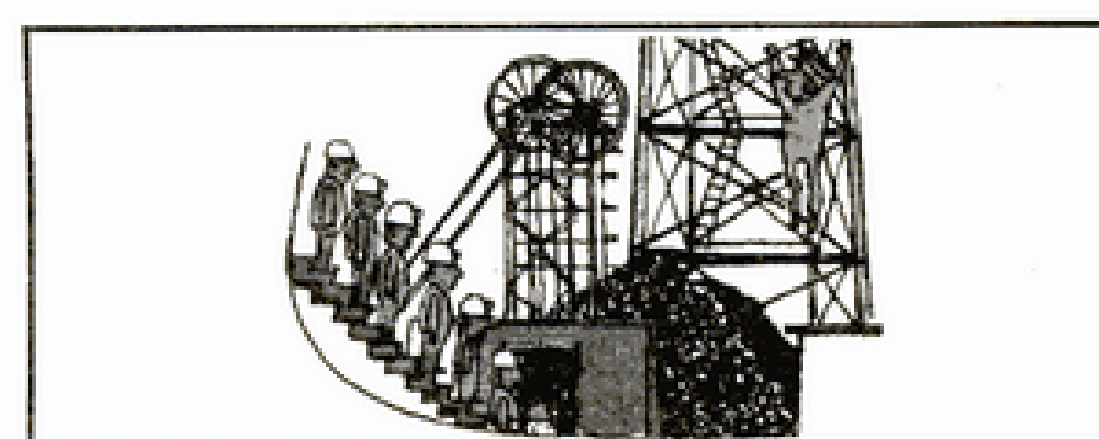
The arms race: is it just a mistake?

Conventional game theory shows clearly why East and West compete to out-gun each other. Hypergames analysis explains why they do this even though both sides say they would prefer peaceful coexistence

Stretching energy independence

Britain should soon be self-sufficient in energy. The aim of today's research and development policy must be to extend that independence for as long as possible

Dr Walter Marshall, FRS
is chief scientist at the Department of Energy and director of the UK Atomic Energy Authority's Harwell research establishment



Pulling the crooked leg

Published next week are the memoirs of the wartime head of Air Ministry Scientific Intelligence. Here he reveals some of the operations of the "most secret" war successfully waged in the backrooms of Whitehall and in scientific laboratories all over Britain against the Germans*

714 New Scientist 16 March 1978

Is Britain's oil industry on shaky legs?

Britain's dependence on the success of North Sea oil appears to increase daily but fears that revenues might be less than planned are also growing. Confidence would suffer further blows if the production platforms fail to meet cost and life specifications, and there is now evidence that this could be the case

More work for less energy

Woolly longjohns have as much to do with energy conservation as Bunsen burners do with power generation. Such popular misconceptions abound. But planners have learnt that using energy more efficiently goes hand in hand with economic growth

536 New Scientist and Science Journal 11 March 1971

Autopsy on science

"Science has lost faith with itself." In this excerpt from his forthcoming book,* the author of *The Making of a Counter Culture* explains this indictment and examines some of the causes for young people dissenting from science



432 New Scientist 20 February 1975

Inflation and science

If the pound in the housewife's pocket will buy less this year than it did last, she can buy cheaper cuts of meat, or postpone buying a new dress. What happens when the same effective devaluation of that pound takes place in the research laboratory or learned library? Science in Britain today is being squeezed by economic pressures. Although the full effect of government economies and lack of planning have not yet worked through the system, signs of erosion are already apparent. This week, *New Scientist* looks at three areas—university research, industrial R & D, and the learned societies—to see how British science is being affected, and what steps need to be taken

394 New Scientist 14 February 1974

Nuclear safety - the public debate

America's controversy over reactor safety gathered steam last month when Ralph Nader told the Joint Committee on Atomic Energy, the official nuclear "watchdog" in the US, that it has "refused to do its job", and suggested that it should "pursue the process of its own dissolution"

208 New Scientist 26 January 1978

The politics of nuclear safety

By the example it has set, the Windscale Inquiry has exposed the pitiful inadequacy of Britain's procedures for setting the crucial safety standards which govern nuclear plants. The whole process must be more open, to encourage scientific debate, to define the limits of scientific uncertainty, and to discover what risks really are "acceptable" to the public

34 New Scientist 1 April 1989

The incredible shrinking submarine

Military submarines have grown bigger and bigger in their efforts to become more powerful weapons of war. An Italian designer has now come up with much smaller ones that might run rings round their opponents

New Scientist 23 April 1987

Lessons for the Soviets

A year ago, the Chernobyl nuclear plant exploded, releasing a radioactive plume across Europe. Nuclear and medical scientists have learnt a great deal from the disaster

66 New Scientist 11 January 1973

Technology for an alternative society

Intriguing new ideas and practical developments are beginning to emerge from the widespread debates in recent years over pollution, global catastrophe, and the social role of science and technology. Here one of the pioneers describes current activity in this area and the motives behind it

524 New Scientist 26 February 1981

Put a sunflower in your tank

When oil is so scarce that the cost of diesel fuel is prohibitive, we may have to grow plants to produce vegetable oils as fuels. Recent research has shown that engines can run on a variety of plant oils

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