Reviews of Science

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We’ve brought these articles together in attractive compendium volumes on food, on energy, and on population. And others are in preparation, including a volume on materials to be published in May 1976. Each compendium is available in your choice of casebound or paperbound edition. Order one—or all of them—today!

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A collection of enduring and readable articles on ways to conserve energy and use it more efficiently, not only in industry but also on an individual level.

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Efficiency of Energy Use in the United States: Eric Hirst and John C. Movers
Energy Conservation: G. A. Lincoln
Conservation in Industry: Charles A. Berg
Individual Self-Sufficiency in Energy: Allen L. Hammond
Energy Use in the U.S. Food System: John S. Steinhart and Carol E. Steinhardt

Prognosis for Expanded U.S. Production of Crude Oil: R. R. Bert, J. C. Calhoun, Jr., and R. L. Whiting
Oil and Gas Resources: Did USGS Gush Too High?: Robert Gillette
Oil Shale: A Huge Resource of Low-Grade Fuel: William D. Metz
Problems of Expanding Coal Production: John Walsh
Clean Fuels from Coal Gassification: Arthur M. Squires
Nuclear Electric Power: David J. Rose
Energy Choices That Europe Faces: A European View of Energy: W. Hafele
Geothermal Electricity Production: Geoffrey R. Robson
Solar Energy by Photosynthesis: Melvin Calvin

Solar Energy Utilization by Physical Methods: Martin Wolf
Power, Fresh Water, and Food from Cold, Deep Sea Water: Donald F. Othmer and Oswald A. Roels
Windmills: The Resurrection of an Ancient Energy Technology: Nicholas Wade
Methanol: A Versatile Fuel for Immediate Use: T. B. Reed and R. M. Lerner
Energy Storage (II): Developing Advanced Technologies: Arthur L. Robinson

2. POPULATION

The ethical issues of choice—the interrelationship of population size and economic development—the consequences of population growth—such are the issues debated in this compendium. A collection of outstanding articles, research reports, and policy debates that appeared in SCIENCE during a 10-year time span beginning in 1966.

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Ethics and Population Limitation: Daniel Callahan
The Tragedy of the Commons: Garrett Hardin

Beyond Family Planning: Bernard Berelson
Population Policy: Will Current Programs Succeed?: Kingsley Davis
Family Planning and Public Policy: Who is Misleading Whom?: Judith Blake
AID’s Family Planning Strategy: R. T. Ravenholt
Integrated Incentives for Fertility Control: Lenni W. Kangas
Toward the Reduction of Unwanted Pregnancy: Frederick S. Jeffe
The Perfect Contraceptive Population: Larry Bumpass and Charles F. Westoff
Abortion, Illegitimacy, and the American Birth Rate: June Sklar and Beth Berkey
The Limitation of Human Population: A


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Natural History: Don E. Dumond
The Demography of Primitive Populations: Norma McArthur
Kung Hunter-Gatherers: Feminism, Diet, and Birth Control: Gina Bari Kolata
Other People’s Family Planning. Review of The Khampa Study (Wyon and Gordon) and The Myth of Population Control (Mandani): Burton Benedict
Feedback in Economic and Demographic Transition: Harald Frederiksen
Man and His Environment: Ansley J. Coale
Ecology and Population: Amos H. Hawley
### 3. FOOD

This report is essential reading for everyone concerned with the serious problems we face in meeting the world’s need for food. A provocative reassessment of the worldwide food crisis of the last three years and a realistic look at our options for the future.

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- The Great Food Fumble: F. H. Sanderson
- World Food: A Perspective: T. T. Poleman
- Institutional Obstacles to Expansion of World Food Production: P. R. Croxson
- Difficult Issues Underlying Food Problems: H. Walters
- U.S. Agribusiness and Agricultural Trends: J. Walsh
- Energy Use in the U.S. Food System: J. S. Steinhart and C. E. Steinhart
- Weather Variability, Climatic Change, and Grain Production: L. M. Thompson
- Urban Growth and Decline: San Jose and St. Louis in the 1960's: Peter A. Morrison
- Population and Pollution in the United States: Ronald G. Ridker
- Birth Order, Family Size, and Intelligence: Lillian Belmont and Francis A. Marolla
- Contraceptives and Dysplasia: Higher Rate for Pill Users: Elizabeth Stern, Virginia A. Clark, Carl F. Coffelt, and Paul Shankman
- Birth Control after 1984: Carl Djerassi
- Relevance of Demographic Transition Theory for Developing Countries: Michael S. Teitelbaum

### Food: Politics, Economics, Nutrition, and Research


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