

International Organization

Alexander E. Wendt The Agent-Structure Problem

Joseph S. Nye, Jr. Nuclear Learning

Lars Mjøset Nordic Economic Policies

William H. Kaempfer James A. Lehman Anton D. Lowenberg Anti-Apartheid Policy Instruments

> Jack N. Barkenbus Nuclear Power Safety

Stephan Haggard and Beth A. Simmons Theories of International Regimes Sponsored by the World Peace Foundation Edited at Stanford University Published quarterly by The MIT Press

EDITORIAL BOARD

Robert O. Keohane, Chairperson

David A. Baldwin Robert Bates Jere R. Behrman Richard J. Bloomfield James A. Caporaso Benjamin J. Cohen Gary Gereffi Robert G. Gilpin Peter Gourevitch Joanne Gowa Ernst Haas Roger Hansen Takashi Inoguchi Harold K. Jacobson Robert Jervis Stephen Kobrin Stephen D. Krasner Charles Lipson Lynn Krieger Mytelka John S. Odell Donald J. Puchala John Gerard Ruggie Kenneth E. Sharpe Laura Tyson Mark W. Zacher I. William Zartman

Editor: Stephen D. Krasner Managing editor: Cynthia L. Patrick

INTERNATIONAL OR-GANIZATION invites the submission of manuscripts on all aspects of world politics and international political economy. Manuscripts should be addressed to the Editor, International Organization, Dept. of Political Science, Stanford University, Stanford, Calif., 94305. Manuscripts should be double-spaced and submitted in triplicate, along with an abstract and author's note. Footnotes should be numbered consecutively, typed double-spaced, and placed at the end of the manuscript. Authors may expect a decision within two months of the Editor's receipt of a manuscript.

Statements of fact and opinion appearing in International Organization are made on the responsibility of the authors alone and do not imply the endorsement of the Board of Editors, The Board of Trustees of the World Peace Foundation, Stanford University, or The MIT Press. International Organization (ISSN 0020-8183) is published quarterly, Winter, Spring, Summer, and Fall by The MIT Press, 55 Hayward Street, Cambridge, MA 02142 and London, England.

Subscriptions and business correspondence: All inquiries concerning subscriptions should be sent to the MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142. Circulation Dept. (617) 253-2889. Yearly subscription rates are: individuals, \$20; institutions, \$42. Subscribers outside the United States and Canada should add \$7 for surface mail and \$25 for airmail. Postmaster: send address changes to International Organization, 55 Hayward Street, Cambridge, MA 02142. Second Class postage is paid at Boston, MA and at additional mailing offices.

Advertising. Please write to Advertising Manager, MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142 USA. Telephone (617)253-2866. Rights and permissions: All inquiries concerning rights and permissions should be sent to International Organization, MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142.

Permission to photocopy articles for internal or personal use or the internal or personal use of specific clients is granted by the World Peace Foundation and the Massachusetts Institute of Technology for libraries and other users registered with the Copyright Clearance Center (CCC), provided that the fee of \$1.50 per copy is paid directly to CCC, 27 Congress Street, Salem, MA 01970. The fee code for users of the Transactional Reporting Service is: 0020-8183/87 \$1.50. For those organizations that have been granted a photocopy license with CCC, a separate system of payment has been arranged.

International Organization Volume 41, Number 3, Summer 1987

The agent-structure problem in international relations theory Alexander E. Wendt	335
Nuclear learning and U.S.–Soviet security regimes <i>Joseph S. Nye, Jr</i> .	371
Nordic economic policies in the 1970s and 1980s Lars Mjøset	403
Divestment, investment sanctions, and disinvestment: an evaluation of anti-apartheid policy instruments William H. Kaempfer, James A. Lehman, and Anton D. Lowenberg	457
Nuclear power safety and the role of international organization Jack N. Barkenbus	475
Theories of international regimes Stephan Haggard and Beth A. Simmons	491

Contributors

Jack N. Barkenbus is a political scientist with the Institute for Energy Analysis, Oak Ridge Associated Universities, at Oak Ridge, Tennessee.

Stephan Haggard is Assistant Professor of Government, Harvard University.

William H. Kaempfer is Assistant Professor of Economics at the University of Colorado, Boulder.

James A. Lehman is Associate Professor of Economics at Pitzer College, Claremont, California.

Anton D. Lowenberg is Assistant Professor of Economics at California State University, Northridge.

Lars Mjøset is Associate Professor of Sociology at the University of Oslo, Norway.

Joseph S. Nye, Jr. is Professor of Government at Harvard University, Cambridge, Massachusetts.

Beth A. Simmons is a Ph.D. candidate in Government at Harvard University, Cambridge, Massachusetts.

Alexander E. Wendt is a Ph.D. candidate in Political Science at the University of Minnesota, Minneapolis.

Abstracts

The agent-structure problem in international relations theory by Alexander E. Wendt

While neorealism and world-system theory both claim to be "structural" theories of international relations, they embody very different understandings of system structure and structural explanation. Neorealists conceptualize system structures in individualist terms as constraining the choices of preexisting state agents, whereas world-system theorists conceptualize system structures in structuralist terms as generating state agents themselves. These differences stem from what are, in some respects, fundamentally opposed solutions to the "agent-structure" or "micromacro" problem. This opposition, however, itself reflects a deeper failure of each theory to recognize the mutually constitutive nature of human agents and system structures—a failure which leads to deep-seated inadequacies in their respective explanations of state action. An alternative solution to the agent-structure problem, adapted from "structuration theory" in sociology, can overcome these inadequacies by avoiding both the reduction of system structures to state actors in neorealism and their reification in world-system theory. Structuration theory requires a philosophical basis in scientific realism, arguably the "new orthodoxy" in the philosophy of natural science, but as yet largely unrecognized by political scientists. The scientific realist/ structuration approach generates an agenda for "structural-historical" research into the properties and dispositions of both state actors and the system structures in which they are embedded.

Nuclear learning and U.S.-Soviet security regimes by Joseph S. Nye, Jr.

The concepts of regimes and learning have been developed in the Liberal theory of

international relations, but their application has been developed in the Liberal theory of international relations, but their application has been mostly in the area of international political economy. U.S.-Soviet relations are generally explained solely in terms of Realist theory. The dichotomy is unfortunate because both strands of theory have something to contribute. Although the injunctions of an overall regime do not govern the U.S.-Soviet security relationship, it is possible to identify the injunctions and constraining effects of regimes in subissues of the security relationship. In five areas of the nuclear relationship (destructive power, control problems, proliferation, arms race stability, and deterrent force structure), it is possible to identify different degrees of learning and to see how such learning affects and is affected by the development of regimes. Looking at the U.S.-Soviet security relationship in terms of learning and regimes raises new questions and opens a research agenda which helps us to think more broadly about the processes of political change in this area.

Nordic economic policies in the 1970s and 1980s

by Lars Mjøset

Although the Nordic countries are small, open economies, they were able to benefit considerably from the expansion of the world economy during the "Golden Age" of the 1950s and 1960s. They achieved industrial diversification and consolidated welfare-state reforms. Throughout this period, several economic policy routines were institutionalized. These routines may be analyzed as parts of a specific economic policy model, determined by the economic structure and the pattern of political mobilization. It seems more fruitful to distinguish five such models rather than to use the generalizing notion of a "Scandinavian model." In the 1970s, the world economic crisis posed new challenges for the Nordic countries. In the first phase of the crisis, economic policies continued to operate in accordance with the established routines. But structural problems, new patterns of political mobilization, and new forms of external pressure forced governments to shift towards austerity policies in the late 1970s. The extent and the specificities of these shifts are compared and the degree to which the economic policy models have changed assessed. Such an analysis is a first step to answer some crucial questions now facing the Nordic countries: Was their flexible adjustment merely the result of favorable conditions during the 1960s—or is it a permanent trait? Are they now trapped between large industrial nations and dynamic newly industrializing countries? If so, what will be the fate of their advanced welfare sectors?

Divestment, investment sanctions, and disinvestment: an evaluation of anti-apartheid policy instruments

by William H. Kaempfer, James A. Lehman, and Anton D. Lowenberg

Pressure for divestment and mandatory disinvestment sanctions directed against South Africa are an instance of domestic interest groups in one country seeking policy change in another. The link from shareholder divestment to disinvestment by firms is tenuous, however (since South Africa-active firms do not seem to suffer as a consequence of divestment pressure), and legislated sanctions are likely to have unpredictable and sometimes perverse effects on the extent of apartheid practices.

Nuclear power safety and the role of international organization by Jack Barkenbus

Sovereign states determine the health and safety regulation of nuclear power facilities almost exclusively. Yet the Soviet nuclear power accident at Chernobyl (April 1986) demonstrated that nuclear power can have significant health and political effects transcending state boundaries. Several meetings have been held at the headquarters of the International Atomic Energy Agency (IAEA) since the Chernobyl accident, with delegates seeking to find the proper balance between autonomous state decision-making and international or transboundary interests. This article examines the nuclear safety role of IAEA in the past, and comes to conclusions regarding its likely role in the future. I claim that IAEA is unlikely to become a powerful regulatory "watchdog," but that incremental changes in the agency could, over time, create a significant international presence.

Theories of international regimes

by Stephan Haggard and Beth A. Simmons

Over the last decade, international regimes have become a major focus of empirical research and theoretical debate within international relations. This article provides a critical review of this literature. We survey contending definitions of regimes and suggest dimensions along which regimes vary over time or across cases; these dimensions might be used to operationalize "regime change." We then examine four approaches to regime analysis: structural, game-theoretic, functional, and cognitive. We conclude that the major shortcoming of the regimes literature is its failure to incorporate domestic politics adequately. We suggest a research program that begins with the central insights of the interdependence literature which have been ignored in the effort to construct "systemic" theory.