

Cambridge University Press  
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Edited by Judith van Erp, Michael Faure, André Nollkaemper, Niels Philipsen  
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## SMART MIXES FOR TRANSBOUNDARY ENVIRONMENTAL HARM

This work offers a multidisciplinary approach to legal and policy instruments used to prevent and remedy global environmental challenges. It provides a theoretical overview of a variety of instruments, making distinctions between levels of governance (treaties, domestic law) and types of instruments (market-based instruments, regulation, and liability rules), and between government regulation and private or self-regulation. The book's central focus is an examination of the use of mixes between different types of regulatory and policy instruments and different levels of governance, notably in climate change, marine oil pollution, forestry and fisheries. The authors examine how, in practice, mixes of instruments have often been developed. This book should be read by anyone interested in understanding how interactions between different instruments affect the protection of environmental resources.

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The general editor of the series is Professor Jorge E. Viñuales, the Harold Samuel Chair of Law and Environmental Policy at the University of Cambridge and the Founder and First Director of the Cambridge Centre for Environment, Energy and Natural Resource Governance (C-EENRG).

# Smart Mixes for Transboundary Environmental Harm

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## Abbreviations

ABNJ	Areas Beyond National Jurisdiction
ACI	Airport Council International
ANSI	American National Standards Institute
Art.	Article
ASL	Asociaciones Sociales de Lugar
ASRC	Arctic Slope Regional Corporation
BASR	Basic Aviation Risk Standard
BAT	Best Available Technology
BCR	Binding Corporate Rules
BMSY	Biomass that would provide Maximum Sustainable Yield
BP	British Petroleum
BS	British Standards
CAB	Certification Assessment Body
CANSO	Civil Air Navigation Services Organization
CBD	Convention on Biological Diversity
CBFM	Community-Based Forest Management
CCAMLR	Commission for the Conservation of Antarctic Marine Living Resources
CDM	Clean Development Mechanism
CDS	Catch Documentation Scheme
CEC	Commission of the European Communities
CEDRE	Centre de documentation de recherches et d'expérimentations sur les pollutions accidentelles des eaux
CEN	European Committee for Standardization
CFV	Certificacion Forestal Voluntaria
CGMTA	Coast Guard and Maritime Transportation Act
CLC	Civil Liability Convention

CO <sub>2</sub>	Carbon Dioxide
COFI	Committee of Fisheries
COLTO	Coalition of Legal Toothfish Operators
COPE	European Compensation Fund for Oil Pollution
CPET	Central Point of Expertise on Timber
CRISTAL	Contract Regarding an Interim Supplement to Tanker Liability
CSA	Canadian Standards Association
CSG	Coal Seam Gas
CSO	Civil Society Organization
CSR	Corporate Social Responsibility
DARRP	Damage Assessment, Remediation and Restoration Program
DGR	Dangerous Goods Regulations
EC	European Commission
EEA	European Environmental Agency
EEZ	Exclusive Economic Zone
EMAS	Environmental Management and Audit Scheme
EMS	Environmental Management Scheme
ENDS	Environmental Data Services
ENGO	Environmental Non-Governmental Organisation
EP	European Parliament
ESO	European Standardisation Organisation
ETS	Emissions Trading Scheme
EU	European Union
EUE	Ecologically Unequal Exchange
EU ETS	European Union Emissions Trading Scheme
EUR	Euro(s)
EUTR	EU Timber Regulation
FAD	Fish Aggregating Device
FAO	Food and Agriculture Organization of the United Nations
FLEGT	Forest Law Enforcement, Governance and Trade
FSA	Fisheries Stock Assessment
FSC	Forest Stewardship Council
FSF	Fisheries Survival Fund
FSF	Flight Safety Foundation
GHG	Greenhouse Gas
GSGSSI	Government of South Georgia and South-Sandwich Islands
HCR	Harvest Control Rule
HNA	Hyperlink Network Analysis
HSBC	Hongkong and Shanghai Banking Corporation
IATA	International Air Transport Association
IBAC	International Business Aviation Council

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ICAO	International Civil Aviation Organization
ICAP	Interagency Committee for Aviation Policy
ICCAT	International Commission for the Conservation of Atlantic Tunas
IFALPA	International Federation of Air Line Pilots' Associations
IGO	International Governmental Organization
IMF	International Monetary Fund
IMO	International Maritime Organization
IO	International Organization
IOPC Fund	International Oil Pollution Compensation Fund
IOSA	IATA Operational Safety Audit
IOTC	Indian Ocean Tuna Commission
IRC	International Regime Complexes
IS-BAO	International Standard for Business Aircraft Operations
ISO	International Organisation for Standardisation
ITOPF	International Tanker Owners Pollution Federation
ITQ	Individual Transferable Quota
ITTO	International Tropical Timber Organization
IUU	Illegal, Unreported and Unregulated
LEI	Lembaga Ekolabel Indonesia
MARPOL	International Convention for the Prevention of Pollution from Ships
MSC	Marine Stewardship Council
MSC	FSG Marine Stewardship Council Fisheries Standard and Guidance
MSPEA	Maldives Seafood Processors and Exporters Association
NAO	Nenets Autonomous Okrug
NEPI	New Environmental Policy Instrument
NGO	Non-Governmental Organization
NOAA	National Oceanic and Atmospheric Administration
NOGEPA	Netherlands Oil and Gas Exploration and Production Association
NSMD	Non-State Market-Driven
ODS	Ozone-Depleting Substances
OECD	Organization of Economic Co-Operation and Development
OGP	Oil and Gas Producers
OJ	Official Journal
OPA	Oil Pollution Act
OPAGAC	Organisation of Associated Producers of Large Tuna Freezer Vessels
OPEGUI	Spanish Inshore Producers Organisations from Guipuzcoa
OPESCAYA	Spanish Inshore Producers Organisations from Biscay
OPRC	Oil Pollution Preparedness, Response and Cooperation
OSPAR	Offshore Industry from the Paris
PEFC	Programme for the Endorsement of Forest Certification

PI	Performance Indicator
PNA	Parties to the Nauru Agreement
POLMAR	Pollution Maritime
RBM	Rights-Based Measure
REDD+	Reducing Emissions from Deforestation and Forest Degradation
REEEP	Renewable Energy and Energy Efficiency Partnership
RFMO	Regional Fisheries Management Organisation
RFO	Regional Fisheries Body
SAE	Society of Automotive Engineers
SAR	Search and Rescue
SARPS	Standards and Recommended Practices
SCRS	Standing Committee on Research and Statistics
SDR	Special Drawing Right
SEM	Single European Market
SFI	Sustainable Forestry Initiative
SG	Scoring Guidepost
SGSSI	South Georgia and the South Sandwich Islands
SLO	Social License to Operate
SOLAS	International Convention for the Safety of Life at Sea
STCW	Standards of Training, Certification and Watchkeeping
STOPIA	Small Tankers Oil Pollution Indemnification Agreement
TAC	Total Allowable Catch
TBGI	Transnational Business Governance Interactions
TCO	Tierras Comunitarias de Origen
TOPIA	Tanker Oil Pollution Indemnification Agreement
TOVALOP	Tanker Owners Voluntary Agreement concerning Liability for Oil Pollution
TPAC	Timber Procurement Assessment Committee
TPR	Transnational Private Regulation
TRCCC	Transnational Regime Complex for Climate Change
UK	United Kingdom
UN	United Nations
UNCLOS	United Nations Convention on the Law of the Sea
UNFCCC	United Nations Framework Convention on Climate Change
UNFSA	United Nations Fish Stocks Agreement
UN REDD	United Nations Programme on Reducing Emissions from Deforestation and Forest Degradation
UoA	Unit of Assessment
US	United States
USA	United States of America
USD	US Dollar
USOAP	Universal Safety Oversight Audit Program



*List of Abbreviations*

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VMS	Vessel Monitoring System
VPA	Voluntary Partnership Agreement
VPN	Virtual Policy Network
WCPFC	Western and Central Pacific Fisheries Commission
WCPO	Western and Central Pacific Ocean
WTO	World Trade Organisation
WWF	World Wide Fund for Nature