

CITES AS A TOOL FOR SUSTAINABLE DEVELOPMENT

Saving endangered species presents a critical challenge for conservation and sustainability movements, and is also matter of survival and livelihoods for many communities worldwide. In 1973, a global Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) was adopted to stem the extinction of many species. In 2015, in the Sustainable Development Goals (SDG 15) the United Nations called for urgent action to protect endangered species and their natural habitats. This volume focuses on the legal implementation of CITES to achieve the global SDGs. Through interdisciplinary analysis and case studies across jurisdictions, contributors analyse how CITES can promote more sustainable development through international and national law and policy reform. They consider recent innovations and key intervention points along flora and fauna global value chains, advancing recommendations to strengthen CITES implementation, including through endangered species trade controls globally and locally.

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TREATY IMPLEMENTATION FOR SUSTAINABLE DEVELOPMENT

Over the past three decades, a series of international treaties have entered into force to address pressing global concerns of social and economic development and environmental protection. On climate change, biodiversity and biosafety, desertification, agriculture and seeds, and trade and investment liberalisation, new regimes have been established to implement global commitments related to sustainable development, many with nearly universal membership. Successful domestic implementation of these international treaty regimes is one of the most significant challenges facing international law today. Although much has been written on the content and form of treaty law, there is relatively little that examines the transition from international legal theory and treaty texts to domestic regulation and practice.

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477 Williamstown Road, Port Melbourne, VIC 3207, Australia

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103 Penang Road, #05-06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781108420006

DOI: 10.1017/9781108325776

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First published 2023

A catalogue record for this publication is available from the British Library

A Cataloging-in-Publication data record for this book is available from the Library of Congress

ISBN 978-1-108-42000-6 Hardback

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Collina KAMBAI is currently a PhD candidate in conservation biology at the University of Jos, Nigeria, working on the "role of avian pollination and seed dispersal in the degraded landscape of Shere hills." She has been lecturing with the Federal College of Forestry, Jos, under FRIN, for the past thirteen years and currently occupies the position of Head of Department of Forestry Technology. She previously worked as a forest project supervisor with the International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria. She holds a BSc in botany from the University of Jos and an MSc in conservation biology from the AP Leventis Ornithological Research Institute, University of Jos Biological Conservatory, Nigeria. She is a member of the Nigeria Man and Biosphere committee and has been actively involved in capacity-building workshops and biodiversity inventory in and around protected areas and biosphere reserves in Nigeria.

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Tarun KATHULA is Director of the Ministry of Environment, Forest and Climate Change, for the Government of India, and has more than twenty years' experience in the fields of environmental clearance monitoring, biodiversity, ecology, landscape approach, protected area management, mainstreaming biodiversity, cross-sectoral planning, policy analysis and capacity building, and has extensive experience in wildlife and biodiversity impact assessment. He has worked for multilateral environment agreements (MEAs) like CITES, UNESCO Natural Heritage, the Convention on Conservation of Migratory Species (CMS), Global Snow Leopard Ecosystem Protection (GSLEP), the International Whaling Commission, the Ramsar Convention, and the Convention on Biological Diversity (CBD). He also



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has expertise in the implementation of international projects under UNDP, the Green Climate Fund (GCF), GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit), the Global Environment Fund (GEF) and the World Bank, and has sound knowledge of the policies related to forest and wildlife compliances. He served as National Focal Point for the Cartagena Protocol on Biosafety, CBD, and holds a Master's degree in environmental sciences from Kakatiya University, India.

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Stefan MICHEL works as an expert consultant on wildlife and natural resources management in Central Asia, the Caucasus and adjacent regions, with twenty-five years' experience. He works on the conservation of nature, sustainable use of natural resources (biodiversity, wildlife, rangelands, forests, ecotourism), assessment and mitigation of environmental impact, and rural development. He is a member of several IUCN Specialist Groups. He is experienced in the development of policy, legal and regulatory frameworks and in the planning and management of protected areas, especially those integrating conservation and sustainable use and of transboundary character. He holds a degree in biology from Martin Luther University Halle-Wittenberg, Germany.

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biodiversity conservation, restoration ecology, environmental education and awareness, urban ecology and rural livelihood. A recipient of awards and grants, he holds a PhD and an MF in forest ecology and conservation, and a BSc in forestry and wildlife management, all from the Federal University of Agriculture Abeokuta, Nigeria.

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Denis RUYSSCHAERT is Faculty Lead of environment and sustainability, Center for International Environment Studies at the Graduate Institute Geneva and Associate Researcher with Forest Is Life, TERRA Teaching and Research Centre, Gembloux Agro-Bio Tech at the University of Liège, Belgium. He has worked for more than twenty-five years on four continents from a wide range of perspectives: local communities/Indigenous peoples, development NGOs, transnational corporations, UNEP and academia. His work focuses on addressing the gap between global commitment and field implementation on some dire environmental issues such as biodiversity loss, climate change and social equity. He is the author of UNEP and Civil Society: Natural Allies (UNEP, 2004). For Denis, research is fundamental for militant activity: situations must be understood before they can be acted upon strategically. Denis is a councilor of Geneva city (2020–2025) and a board member of SWISSAID. He holds a PhD in sociology and a Master's in agronomy.

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Ajay Kumar SAXENA is an ecologist, forester and biologist with two decades of diverse research and work experience for the United Nations (Food and Agriculture Organization (FAO), UNDP and UNESCO), governments, NGOs and research institutions on subjects related to biodiversity conservation, climate change, forestry, ecology, sustainable development and so on. He is a globally certified expert from India on biodiversity conventions with particular focus on international trade in threatened species of plants and animals. His interest areas are natural resource—based sustainable development, bio-resource markets development, ecosystem-based climate change solutions, forest governance and more. He holds degrees from reputed institutions and universities in the subjects of biodiversity, environmental governance, ecological economics and MEAs such as CITES, CMS and CBD. He is an alumnus of Delhi University and the Forest Research Institute (University), India; the International University of Andalucía, Spain; the Technical University of Dresden, Germany; and Duke University, USA.

John E. SCANLON AO holds an LLB and an LLM (environment) from the University of Adelaide, Australia. Over the course of a thirty-five-year-long career spanning Australia, Germany, Kenya, the Russian Federation, South Africa and Switzerland, he has gained a unique range of experience on environment and sustainable development governance, institutions, law and policy at the international, national, subnational and local levels and across multiple disciplines. His experience has been gained in senior positions with the private sector, in government, with international organizations and the United Nations, as a leader, manager, policy adviser and legal practitioner. He currently serves as CEO of the Elephant Protection Initiative (EPI) Foundation, chair of the UK Challenge Fund, trustee of the Royal Botanic Gardens, Kew and chair of the Global Initiative to End Wildlife Crime. He was African Parks' first Special Envoy from 2018 to 2020 and served as the fifth Secretary-General of CITES from 2010 to 2018. In 2019, he was made an Officer of the Order of Australia (AO) for distinguished service to wildlife and flora conservation and protection through roles with international organizations.

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Peter STOETT is Dean of the Faculty of Social Science and Humanities at Ontario Tech University in Canada. He has expertise in international relations and law, global environmental politics, and human rights. He has served as a provost visiting research fellow at the University of Tasmania, Australia; a Leverhulme visiting scholar in climate justice at Reading University, UK; an Erasmus fellow at the International Institute for Social Studies at the Hague, in the Netherlands; and a Fulbright visiting research chair in Canadian – American relations at the Woodrow Wilson International Center for Scholars in Washington, DC. His most recent books are Spheres of Transnational Ecoviolence (with Delon Omrow, Palgrave



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MacMillan, 2021) and Global Ecopolitics: Crisis, Governance, and Justice (Second Edition, University of Toronto Press, 2019).

Terry SUNDERLAND is Professor of Tropical Forestry at the University of British Columbia and has more than thirty years' tropical forestry experience. After more than fifteen years living and working in Cameroon, he moved to CIFOR, based in Indonesia, and led the research on "Landscape Management for Environmental Services, Biodiversity Conservation and Livelihoods." In the last five years of his tenure at CIFOR, he led the development of a program of work on forests and food security. He is a highly published scientist, having authored more than 350 books, book chapters and journal articles. He has also mentored many young professionals and has supervised or co-supervised thirty-five graduate students; he is currently supervising eighteen more. In 2018, he was appointed to his current professorship in the Faculty of Forestry at the University of British Columbia to coordinate a program of work on tropical forests and rural livelihoods. He is a graduate of the Royal Botanic Gardens, Kew and holds an MSc from the University of Oxford and a PhD from University College London.

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Rob WHITE is Emeritus Distinguished Professor of Criminology at the University of Tasmania, Australia. He has written extensively about criminology, youth studies and eco-justice. Among his recent books are *Climate Change Criminology* (Bristol University Press, 2018), *The Extinction Curve* (with John van der Velden, Emerald, 2021), *Critical Forensic Studies* (with Roberta Julian and Loene Howes, Routledge, 2022) and *Theorising Green Criminology* (Routledge, 2022).

Annecoos WIERSEMA is Executive Associate Dean of Academic Affairs at Sturm College of Law, University of Denver, where she is also a professor of law and the Catherine Boggs Endowed Faculty Research Scholar. Her research focuses on international law and international environmental law, with particular emphasis



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Marceil D. YEATER is currently an independent consultant on matters related to international environmental law and sustainable development. She retired in November 2015 as Chief of Legal Affairs and Trade Policy for the CITES Secretariat in Geneva, Switzerland, administered by UNEP. Before joining the Secretariat, she worked for a number of years with UNEP's environmental law program in Nairobi, Kenya and its chemical program in Geneva. She also served as a trial attorney with the Environmental Crimes Unit of the US Department of Justice and as Deputy Attorney General for the US Territory of Guam. She holds a JD.