# SYSTEMIC INEQUALITY, SUSTAINABILITY AND COVID-19

# RESEARCH IN POLITICAL SOCIOLOGY

Series Editor: Barbara Weinert

#### Recent Volumes:

Volumes 1–3: Richard G. Braungart

Volume 4: Richard G. Braungart and Margaret M. Braungart

Volumes 5–8: Philo C. Wasburn

Volume 9: Betty A. Dobratz, Lisa K. Waldner, and Timothy Buzzell Volumes 10–11: Betty A. Dobratz, Timothy Buzzell, and Lisa K. Waldner Volume 12: Betty A. Dobratz, Lisa K. Waldner, and Timothy Buzzell Volume 13: Lisa K. Waldner, Betty A. Dobratz, and Timothy Buzzell

Volumes 14–17: Harland Prechel Volumes 18–21: Barbara Wejnert

Volume 22: Dwayne Woods and Barbara Wejnert
Volume 23: Eunice Rodriguez and Barbara Wejnert
Volume 24: Barbara Wejnert and Paolo Parigi
Volume 25: Ram Alagan and Seela Aladuwaka

Volume 26: Tim Bartley

Volume 27: Francesco Duina and Frédéric Merand

Volume 28: David Pettinicchio

## EDITORIAL ADVISORY BOARD

Patrick Akard Kansas State University, USA

Paul Almeida University of California Merced, USA

Robert Antonio University of Kansas, USA

Alessandro Bonanno Sam Houston State University, USA
Barbara Brents University of Nevada Las Vegas, USA

David Brown

Cornell University, USA

Kathleen Kost

Rhonda Levine

John Markoff

Cornell University, USA

University at Buffalo, USA

Colgate University, USA

University of Pittsburgh, USA

Scott McNall California State University Chico, USA

Susan Olzak Stanford University, USA
Harland Prechel Texas A&M University, USA
Adam Przeworski New York University, USA

William Roy University of California Los Angeles, USA
David A. Smith University of California Irvine, USA

Henry Taylor University at Buffalo, USA

This page intentionally left blank

# SYSTEMIC INEQUALITY, SUSTAINABILITY AND COVID-19

#### **EDITED BY**

#### SEELA ALADUWAKA

Alabama State University, USA

## BARBARA WEJNERT

University at Buffalo, SUNY, USA

And

## RAM ALAGAN

Alabama State University, USA



United Kingdom – North America – Japan India – Malaysia – China Emerald Publishing Limited Howard House, Wagon Lane, Bingley BD16 1WA, UK

First edition 2022

Editorial matter and selection © 2022 Seela Aladuwaka, Barbara Wejnert and Ram Alagan. Published under exclusive licence by Emerald Publishing Limited. Individual chapters © 2022 the authors. Published under exclusive licence by Emerald Publishing Limited.

#### Reprints and permissions service

Contact: permissions@emeraldinsight.com

No part of this book may be reproduced, stored in a retrieval system, transmitted in any form or by any means electronic, mechanical, photocopying, recording or otherwise without either the prior written permission of the publisher or a licence permitting restricted copying issued in the UK by The Copyright Licensing Agency and in the USA by The Copyright Clearance Center. Any opinions expressed in the chapters are those of the authors. Whilst Emerald makes every effort to ensure the quality and accuracy of its content, Emerald makes no representation implied or otherwise, as to the chapters' suitability and application and disclaims any warranties, express or implied, to their use.

#### **British Library Cataloguing in Publication Data**

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

ISBN: 978-1-80117-733-7 (Print) ISBN: 978-1-80117-732-0 (Online) ISBN: 978-1-80117-734-4 (Epub)

ISSN: 0895-9935 (Series)



ISOQAR certified Management System, awarded to Emerald for adherence to Environmental standard ISO 14001:2004.

Certificate Number 1985 ISO 14001





This page intentionally left blank

## **CONTENTS**

List of Figures and Tables	xiii
About the Contributors	xvii
Preface	xxv
PART I HEATH AND SOCIAL INEQUALITY AND COVID-19	
Social Determinants of Health Disparities and COVID-19 in Black Belt Communities in Alabama: Geospatial Analyses Seela Aladuwaka, Barbara Wejnert, Ram Alagan and Manoj Mishra	3
A Naturalistic Observation of Mask Wearing Behavior in a Southeastern United States Town during the COVID-19 Pandemic  Marcia Rossi and Andria Moore	33
Selected Aspects of Discrimination against the Elderly in the Polish Health Care System Żaklina Skrenty	49
Invisible Frontline Warriors of COVID-19: An Intersectional Feminist Study of ASHA Workers in India Manorama Upadhyaya	61
Impact of COVID-19 on Employment in Himachal Pradesh – A Case Study  Yashpal Malik, Nirupama Prakash and Suman	75
Gender-Based Violence and COVID-19: Legislative and Judicial Measures for Protection and Support of the Women Victims of Domestic Violence in Sri Lanka Muthukuda Arachchige Dona Shiroma Jeeva Shirajanie Niriella	89

x CONTENTS

Gender Relations and Dynamics of Internal Committee: Case Studies from Private and Public Institutions in south india Kamalaveni			
Care Ethics in the Time of COVID-19: Are We Our Brother's Keepers? Some Insights from the Efforts of "Food for Chennai," India Sunita George and Raymond Greene	127		
Iranian Dating Sites in the Age of COVID-19 Pandemic: A Phenomenological Study on Muslim Married Women Dariush Boostani, Naima Mohammadi and Fattah Hatami Maskouni	155		
PART II ENVIRONMENT, SUSTAINABILITY, AND COVID-19			
A Reflection on Biodiversity in a Time of Covid-19 Pandemic: A Foundation of Environmental Sustainability  Camille Wejnert-Depue	177		
Systemic Inequality, Sustainability and COVID-19 in US Prisons: A Sociological Exploration of Women's Prison Gardens in Pandemic Times Daniela Jauk, Brenda Gill, Christie Caruana and Sharon Everhardt	185		
COVID-19 in Chile: Personal and Political Outcomes  James G. Linn, Jorge Chuaqui and Aristoteles Alencar	211		
Corporate Mining, Sustainable Development, and Human Rights of the Indigenous People in the Philippines: Implications for Building Resiliency to the Impacts of COVID-19 Pandemic Ligaya Lindio McGovern	223		
Genealogies of Sustainable Development? Life Stories of Frugal, Inventive, and Creative Women  Izabela Skórzyńska	237		

CONTENTS xi

Birdsong and the Diseased Gaia in the Anthropocene: An Ecofeminist Reading of Terry Tempest Williams'	
Memoirs – Refuge: An Unnatural History of Family and Place and When Women Were Birds: Fifty-Four Variations	
on Voice	253
Jagriti Upadhyaya	
Index	269

This page intentionally left blank

## LIST OF FIGURES AND TABLES

Figure 1.	Map of Alabama Counties Including Black Belt Region.	10
Figure 2.	Poverty in Alabama (Poorest 25% Counties).	11
Figure 3.	Alabama's Poverty Status per County.	12
Figure 4.	Median Household Income in Alabama by Race (in \$1,000s).	13
Figure 5.1.	African American Population, Covid-19 Cases and Deaths in Alabama.	16
Figure 5.2.	Major Ethnic Groups versus Covid-19 Death in Alabama (per 100,000 People).	17
Figure 6.	Poverty Rate and Covid-19 Cases and Deaths in Alabama (per 100,000).	19
Figure 7.	Ownership of Private Vehicle versus Covid-19 Cases and Deaths.	20
Figure 8.1.	Obesity versus Covid-19 Cases Deaths in Alabama (per 100,000 People).	22
Figure 8.2.	Diabetes versus Covid-19 Cases Deaths in Alabama (per 100,000 People).	23
Figure 9.	Healthy Food and Covid-19 in Alabama.	25
Figure 10.1.	Distribution of Covid-19 Vaccine Centers in Alabama (within 10 Mile Radius).	26
Figure 10.2.	Number of Covid-19 Vaccine Clinics in the Black Belt and Urban Centers, Alabama.	27
Figure 1.	Percent Wearing Masks by Perceived Age in 2020.	39
Figure 2.	Percent Wearing Masks by Location and Seven-Day Moving Average in Alabama 2020.	40
Figure 3.	Percent Wearing Masks by Location and Seven-Day Moving Average in Alabama 2021.	42
Figure 4.	Percent Wearing Masks by Perceived Gender after Change in Policies in 2021.	43
Figure 5.	Percent Wearing Masks by Perceived Age after Change in Policies in 2021.	44
Figure 6.	Percent Wearing Masks by Perceived Race after Change in Policies in 2021.	44

Figure 1.	Geographical Distribution of Skill Portal Registered Respondents.	81
Figure 2.	Vocational Skills among Surveyed Respondents.	84
Figure 1.	UGC Report on Sexual Harassment Implementation during the April 2018 to November 2019 in 16 Higher Education Institutions of Tamilnadu.	
Figure 1a.	An Early Post on Facebook Announcing the Mission of FFC.	114
Figure 1b.	Showcasing 20 Day Milestones.	139
Figure 1c.	Showcasing 30 Day Milestones.	140
Figure 1d.	FFC Volunteer Appreciation.	141
Figure 2a.	A Thank You Note to FFC.	143
Figure 2b.	Volunteer Commendations.	144
Figure 2c.	FFC Menus as Seen on Facebook.	145
Figure 2d.	Sample Menus Posted on Facebook Food to Patients.	146
Figure 3.	Volunteers' Care Notes Delivered with Food.	147
Figure 4.	"Our Protector" Disinfectant Products Recognizing Pandemic Heroes.	150
Figure 1.	Conceptual Model 1. Digital Romantic Chats by Muslim Married Women during COVID-19 Pandemic.	168
Figure 1.	Biodiversity in African.	179
Figure 1.	Comparative Word Cloud of Gardening in Corrections, Midwest, August 2020.	203
Table 1.	Median Household Income for (Poorest 25 % Counties) in Alabama.	14
Table 1.	Participants in Auburn-Opelika Metro Establishments Prior to Alabama Mask Mandate and Immediately after	
Table 2.	in 2020. Participants in Auburn-Opelika Establishments	38
	Observed after Lifting of Alabama Mask Mandate and after CDC Guidelines Changed in 2021.	42
Table 1.	Number of ASHAs Workers Including in the National Health Mission (NHM) per State in India.	65
Table 2.	Services Delivered by ASHA Workers along with Incentive to ASHAs under National Rural Health	
T 11 2	Mission.	68
Table 3	The Income Level of the ASHA Household	69

Table 4.	Literacy Rate among ASHA Workers.	71
Table 1.	Food for Chennai as Digital Food Activism Based on	
	Edwards et al.'s (2013) Key Requirements of a Digital	
	Campaign.	133
Table 2.	Checklist for People Requesting Meals from FFC.	147
Table 1.	Demographic Detail of Participants.	158

This page intentionally left blank

#### ABOUT THE CONTRIBUTORS

Seela Aladuwaka is an Associate Professor of Geography at Alabama State University and serves as a member of the W.E.B. DuBois Honors Program Advisory Board at Alabama State University. Seela is a past recipient of the Fulbright Scholarship at the American University, Washington DC, where she had earned a Master's Degree in International Development. Her research focuses on Regional Geography, Gender and Development, poverty and microfinance, and poverty and health disparity, including health disparity in Alabama's Black Belt region. She has conducted research for nearly 25 years in Social Geography. She has published 23 papers in peer-reviewed academic journals and books, including most recently on (1) A Geospatial Analysis of Superfund Sites, Ethnicity and Poverty in Alabama in FRONTIERS in Science, Technology, Engineering and Mathematics, Alabama State University, 2019; and (2) Women, Micro-Finance, and Repayments Challengers: Sri Lankan Experience. A Handbook of Gender and Development. Ed. Anne Coles, Leslie Gray, and Janet Momsen, London: Routledge, 2015. She is also a co-editor of *Environment*, Politics, and Society, a special volume of the Research in Political Sociology, published by Emerald Press in 2018.

Ram Alagan is a Professor of Geography and the Interim Director of the W.E.B. DuBois Honors Program at Alabama State University. Dr Alagan's research focuses on GIS, Civil Rights GIS, Environmental Impact Assessment (EIA), Social Impact Assessment (SIA), Regional Studies and Heath Disparity, and Cancer Mapping. As a researcher and educator, Ram is a human-environmental geographer by training with more than 25 years of experience in GIS, Participatory GIS (PGIS), EIA, SIA, and regional development. During the last six years at ASU, he has been heavily involved in Health Disparity, Cancer, and Environmental Justice research using GIS and PGIS in minority communities (African American) in the Black Belt regions of the Southeastern United States. He has published and presented his research widely, including six coauthored recent publications. The two most recent coauthored publications are (1) A Geospatial Analysis of Superfund Sites, Ethnicity and Poverty in Alabama in FRONTIERS in Science, Technology, Engineering and Mathematics, Alabama State University, 2019; and (2) Empowering the Disempowered through Civil Rights Geographic Information Systems: The Case of Black Belt Region of Alabama. 25th Volume of Research in Political Sociology: Environment, Politics, and Society, Emerald Publication. Ram was a Fulbright Scholar to Ohio University, Athens, OH in 1994–1996.

Aristoteles Alencar received his medical degree at the University of Amazonas and his PhD in Public Health from the University of Sao Paulo. He is a Robert Wood Johnson Fellow – a training through which he learned about healthcare systems and community health problems in several countries in South America and in the United States. He is the Past President of the Amazonas Chapter of Partners of the Americas and participated in professional exchanges through which he observed medical treatment at Vanderbilt University Medical Center and in Department of Veteran Affairs facilities. Currently, he is a faculty member of the University of Amazonas Medical School in Manaus and the NIMBioS Foundation of the University of Tennessee, Knoxville. He has many publications in medical journals in Brazil and the United States. For over 30 years, he has been in private medical practice in Manaus, Brazil, and has witnessed as a clinician, academician, and community leader the severe impact of COVID-19 on the population of the Amazonian region and its healthcare facilities. This recent clinical experience with COVID-19 is detailed and analyzed through a public health framework in his paper, "The other Face of Covid-19." Dr Alencar's insights into the personal and community outcomes of COVID-19 inform and enrich our analysis of the Chilean situation.

**Dariush Boostani** is Associate Professor of Sociology in the Social Sciences department, college of literature and humanities at Shahid Bahonar University of Kerman, Iran, where he has been a faculty member since 2009. He completed his PhD and undergraduate studies at Shiraz University. His research interest is social problems, women studies, and social identity. One of his methodological interests is qualitative research, especially Grounded Theory. Most of his research has been carried out via this method.

Christie Caruana is a Social Science graduate student with a concentration in Sociology at Troy University. She has a Bachelor's Degree in Social Science as well as a minor in Criminal Justice. She is a graduate assistant for the Department of Anthropology, Sociology, and Criminology focusing on the impact of horticultural programs on nutritional knowledge and food insecurity in women's correctional facilities. She hopes to continue her education through a PhD program in Sociology with a Criminology concentration. Her interests are deviance in society, social inequality within the justice system, the use of the death penalty, and sentencing discrepancies.

Jorge Chuaqui graduated from the University of Chile and received a doctorate in Human Sciences from the Adam Mickiewicz University in Poznań (Poland). Currently, he is a Professor in the School of Sociology of the University of Valparaiso, Chile. He has more than 70 publications in Sociology. He is the author of the following books (in Spanish): Society, Psychiatry and Schizophrenia (2002), Microsociology and the Global Social Structure (2012), Inclusion in Diversity or Exclusion (2012), Social Structure, Power, and the Individual: A Tribute to Capital of Karl Marx (2019), and Editor of Sociology of Health: Chile (2016). He has been the principal investigator on several funded empirical studies related to mental health in Chile, and he is a member of the Executive Committee

of RC-49 of the International Sociological Association. The Chilean Society of Mental Health has awarded him the Dr Luis Custodio Muñoz Prize for his outstanding publication in the *Journal of Psychiatry and Mental Health*. His areas of interest are the sociology of mental health, social theory, politics of inclusion, and social classes.

**Sharon Everhardt** is an Associate Professor of Sociology at Troy University. Her main research interests include the study of race, class, and gender, especially disenfranchised populations of women. In 2020, Dr Everhardt earned certification as an AACS Clinical Sociologist who helps organizations and institutions resolve social issues related to the human condition. She is currently researching the impact of horticultural programs on nutritional knowledge and food insecurity among female inmates in women's correctional facilities. She has secured over \$75,000 in USDA funding to support her gardens projects.

**Sunita George** is an Associate Professor of Geography at Western Illinois University. Her research interests are in issues of food ethics and food activism.

Brenda Gill is a mixed-methods prepared family sociologist with a minor concentration in education. She serves as a Professor of Sociology and Associate Dean in the College of Liberal Arts and Social Sciences at Alabama State University. She received a PhD in her field from Wayne State University, Detroit, Michigan, in 2009. Her research is applied and centers on family issues such as multiculturalism, diversity, immigration, media, food insecurity, suicide, and violence. Recently she coauthored a publication on African Migrants and Refugees in Latin America and the Caribbean and Sex Trafficking of Girls in Africa, Latin American, and the Caribbean.

**Raymond Greene** is a Freelance Geographer. He curates The Geo Grapher on Facebook, which aims to make Geographic insights accessible to larger audiences.

Daniela Jauk is Assistant Professor for Sociology and Criminal Justice at the University of Akron, Ohio. She received a Master's Degree in Sociology from the University of Graz in her home country, Austria. She completed her PhD in Sociology as a Fulbright Student at the University of Akron, Ohio in 2013. She is a certified clinical sociologist, and her areas of research interest and teaching are gender and sexualities, inequality in the criminal justice system, and qualitative methods. She is currently working on clinical sociology projects and research around gardening in carceral settings.

**Dr Kamalaveni** is an Assistant Professor at the Department of Women Studies. Her research focuses on women and health, gender empowerment, reproductive health, and women's empowerment. She has authored one book, published 30 research papers, and co-edited five books. She has guided three doctoral students, attended 25 seminars, workshops, conferences, orientation programs, refreshers courses, and training programs. She also served as a resource in 150 programs and addressed 30,000 college students, 2,500 school students, 1,000 rural women,

and 750 college teachers. She has coordinated 20 seminars, conferences, and training programs. She has completed two projects on women farmers and working women problems. Currently she is working on cervical and breast cancer awareness project.

James G. Linn is a Senior Researcher at Optimal Solutions in Healthcare and International Development, and he holds academic appointments at Meharry Medical College and the Autonomous University of Baja, California (Mexico). He is also a Visiting Professor of the University of Valparaiso, Chile, where he annually delivers lectures in the sociology of health care and collaborates with several research projects on health services. He is Past President and current Board Member of the Research Committee 49 (Mental Health and Illness) of the International Sociological Association and serves as an Associate Editor of the JAHR journal that publishes work on global HIV/AIDS prevention and treatment programs. Prof. Linn received a PhD in Sociology at the University of Wisconsin-Madison. He served two years as a Peace Corps Volunteer doing community and cooperative development in Santo Domingo and the rural Cibao of the Dominican Republic, and since 1987, led funded research and education programs focused on HIV/AIDS, Maternal and Child Health, Mental Health and Climate Change in the U.S., Latin America (Brazil, Dominican Republic, Ecuador, Venezuela), and Africa (Botswana, Ghana, Malawi, Mozambique, South Africa).

Yashpal Malik is an Associate Director with PricewaterhouseCoopers (PwC) Pvt Ltd and a former research associate at Amity Institute of Social Sciences, Amity University, India. He has completed his PhD in the field of Alternate Energy Transport. He works closely with Asian Development Bank on Technical and vocational education and training (TVET) projects. Prior to PwC, he worked with development sector organizations in the area of research, monitoring, and evaluation for national and international development programs in South Asia (India, Nepal, and Bhutan). He has significant experience in sampling surveys, need assessments, project impact assessments, and poverty measurement in various sectors such as education, skill development, livelihood, and socioeconomic projects.

Fattah Hatami Maskouni is a Lecturer in the Department of Geography, University of Tehran. He holds an MS Degree in Remote Sensing and GIS from the University of Tehran (Geography Department). He has also taught Remote Sensing and GIS courses at different local universities as a lecturer. His current research interest is to use remote sensing techniques, GIS, and deep learning to investigate patterns of human behavior with respect to online data, technology, and new cyber movements.

**Ligaya Lindio McGovern** is a Professor of Sociology at Indiana University, USA. In Fall 2017, she received a Fulbright Fellowship to conduct research on the impact of corporate mining on the indigenous people in the Philippines from August to December. In collaboration with KATRIBU she interviewed 20 indigenous people affected by corporate mining during the Lakbayan (caravan) of the indigenous people in September 2017, where close to 3,000 indigenous

people came down to Metro-Manila. With the cooperation of ANNVIK and SAPAKKMI she also visited the open-pit mining site of OceanaGold in Didipio, Kasibu, Nueva Vizcaya. She was able to interview 14 indigenous men and women affected by the mining operations there. This paper is part of a book-length manuscript she has completed from her research that could be useful for the educational and informational campaign.

Manoj Mishra is a Professor of Biological Sciences at Alabama State University. Dr Mishra is the founding Director of Cancer Biology Research and Training and Freshmen Biology Programs at Alabama State University. Additionally, Dr Mishra's Cancer Biology Research and Training lab is currently supported by research and educational grants from the U.S. Department of Defense, National Institutes of Health, and National Science Foundation. He has several awards and recognition for his teaching and research. In 2015, he received the faculty of the year award at Alabama State University, and in 2013, he was selected as a top 25 professor among mid-sized universities in the United States. Dr Mishra has widely published his research findings in international and national medical and science journals. Dr Mishra's research interest focuses on broader areas of immunology, tumor biology, and health disparity in Alabama.

Naima Mohammadi is a Visiting Assistant Professor at the University of Padova, Italy. She is studying gender and sexuality issues in the Department of Political Science, Law, and International Studies. Her last research project is associated with the concept of Muslim women's recognition in non-Muslim majority societies. She has also taught some courses in this field, such as "Civil rights of Muslim women," "Marriage and family under Islamic principles," and "Muslim circumstances in the Middle East." Her research interests focus on gender, identity, and the dynamics of Muslim women's movements for recognition.

Andria Moore received her BA in Journalism from Auburn University in 2016. She completed her Master's Degree in 2021 from the Walter Cronkite School of Journalism and Mass Communications in Digital Audience Strategy at Arizona State University. She has worked for the International Center for Journalists and has published as a journalist for *The Washington Post*, *Insider*, *The Lily* and the Motion Picture Association. Andria is currently a resident writer at Buzzfeed where she covers a variety of topics, including race, culture, health and wellness, and entertainment.

Muthukuda Arachchige Dona Shiroma Jeeva Shirajanie Niriella, Senior Attorney at Law, is a Professor in the Department of Public and International Law, Faculty of Law, University of Colombo, Professor in Law, Faculty of Law and the Funding Dean of the Faculty of Criminal Justice, General Sir John Kotelawala Defence University Sri Lanka. She is the first female appointed board member of Colombo Stock Exchange, National Authority for the Protection of Victims and Witnesses. She served on several boards including National Research Committee-National Science Foundation, and Prison Welfare Association Sri Lanka. Currently she serves as a Board member of the Office for the National

Unity and Reconciliation, Sri Lanka. She holds executive positions in International Associations such as World Centre for Women's Studies; Asian Criminological Society; South Asian Society of Criminology and Victimology; International Society of Criminology; and Justice Commission of Congress of Nations and States. She received the title 'Desabandu' National Honour/Award conferred by the Democratic Socialist Republic of Sri Lanka at the Ceremony of National Honours in 2019.

Nirupama Prakash is currently serving as Director, Amity Institute of Social Sciences, Amity University. Earlier, she served BITS, Pilani as Chief, Women Studies and Societal Development Unit, Founder Director, UGC Centre for Women Studies, Head, Department of Humanistic Studies and Coordinator, MPhil program in Hospital and Health Systems Management. Subsequently, she served as Head, Department of Humanities and Social Sciences at JUIT, Himachal Pradesh. She has been invited as a scholar, consultant, guest speaker, and visiting faculty at many national and international forums. Dr Prakash has taught courses on Sociology and Gender Studies at the Department of Sociology and Centre for International Health, the George Washington University, Washington DC, Department of Global Gender Studies, University at Buffalo, SUNY, the University of Maryland at College Park, USA. Apart from teaching, she is an active researcher and has many research papers and books to her credit, and has worked on many projects sponsored by national and international agencies.

Marcia Rossi is a Professor of Psychology at Alabama State University. She received a PhD in Experimental Psychology from Auburn University in 1991 and has over 30 years of teaching and research experience. Her current research interests include social determinants of health, attitudes, knowledge, and behaviors associated with proenvironmental behaviors and acceptance of climate change, and issues of environmental justice. She also studies STEM education interventions, and the effectiveness of various advising and mentoring approaches. She has numerous peer-reviewed publications and has served as PI or CoPI on many interdisciplinary federally funded projects through NSF, DOD, NIH, and other agencies.

Izabela Skórzyńska is an Associate Professor at the Faculty of Historical Studies Adam Mickiewicz University in Poznan (Poland), post-doctoral studies at Laval University in Québec (Canada). She has published in memory studies, the social history of women in Central and Eastern Europe and didactics of history, and among them in English: Regaining the Future by Rebuilding the Past?. The Question of Intergenerational Transfer and Production of Cultural, Economic and Social Capital by Women in Poland after the Second World War in Marriage & Family Review, 2021/5; with I. Chmura-Rutkowska, E. Głowacka-Sobiech, Unworthy of History? On the Absence and Stereotypical Images of Women Scientists in Light of the Historical Narrative in Middle and Secondary School Textbooks in Studia Edukacyjne, 2019/53; with B. Jonda, C-F. Dobre, A. Wachowiak, (Re)gaining the Future by (Re)building the Past, Women's

Narratives of Life under Communism in Poland, Romania and Former East Germany, Poznań 2018; with Ch. Lavrence, Performing the Past, Poznań 2014.

Żaklina Skrenty is a Doctor of Law, Legal Counsel. She acts as an attorney in administrative, civil, and commercial law cases. She specializes in administrative law, including local government law and administrative proceedings. Her scientific and professional interests include medical law and health-related issues, and public safety, which are considered as the most important value of modern man. The multidimensional and multifaceted nature of this concept makes it possible to combine it with legal issues from various fields. Her legal practice includes social benefits, social discrimination, and the quality of life of disadvantaged populations.

**Suman** is currently working as an Assistant Professor with R.D. College of Education, Haryana, India. Her area of interest is Vocational Education and Training (VET). Prior to joining the college in 2014, she had completed her Master's in Education and Master's in Mathematics.

Jagriti Upadhyaya is Assistant Professor and Head, Department of English and Associate Dean, Faculty of Social Sciences and Humanities, Sardar Patel University of Police, Security and Criminal Justice, Jodhpur. Her research areas include Feminism and Queer Studies, Green Studies, Ecocriticism, and Eco-feminism. She has presented her research at International and National Conferences, including Poland, New York, and Rome. She has published over 22 research papers in international and national journals and is a Resource Person for FDPs (Faculty Development Programs) and expert lectures – Jai Narayan Vyas University, Jodhpur; Rajasthan Association for Studies in English, (RASE), University of Jammu, Jammu DRDO, ICAI, TISS, IGNOU.

Manorama Upadhyaya is a Principal at Mahila P. G. Mahavidyala, Jodhpur Rajasthan, India. She holds PhD in History and has 25 years of research and teaching experience. Her research focuses on gender studies, social and cultural studies, specifically in Indian history, science and technology in Indian Sanskrit texts (civil engineering and building technology), water management, and water bodies of ancient and medieval India as regional and military history. Dr Upadhyaya published 26 research papers. For 10 years, she also worked as Programme Officer – National Service Scheme of Government of India.

**Barbara Wejnert** is a Professor in the Department of Environment and Sustainability and Department of Global Gender Studies and a former founding chair of the Global Gender Studies Department at the University at Buffalo. She is an award-winning author of research papers specializing in political sociology, political economics, economic sociology, environmental sustainability, and gender. Her interdisciplinary, transnational research focuses on the worldwide diffusion of democracy and globalization and the effects of these changes on environmental sustainability and gender equality. She is an author and editor of 14 books, including *Diffusion of Democracy* published by Cambridge University

Press in 2014 (paperback edition in 2016) that received nominations for three academic book awards. She is an author of near 70 peer-reviewed articles in professional journals, including award-winning articles. In 2016 she received the prestigious Inaugural Arlene Kaplan Daniels Paper Award for a paper "Turning Globalization and the Diffusion of Democracy into Opportunities for Women and Girls." Her paper "Diffusion, Development and Democracy, 1800–1999" was honored by its presentation at the US Congressional Reception as a poster highlighting sociological research with national policy significance.

Camille Wejnert-Depue is a graduate student in Johns Hopkins University's MS degree program in Environmental Sciences and Policy, and also a Post-Masters Research Associate with Pacific Northwest National Laboratory and University of Maryland's Joint Global Change Research Initiative. He also holds a Master of Public Policy degree with a focus in Environmental Policy from American University in Washington, DC. Camille's current work revolves around decarbonizing the District Heating sector in many European countries. Professionally, Camille has worked as a Fellow with the American Lung Association, a Fellow with Montgomery County Maryland's Office of the Executive's Climate Team, and a Summer Intern with the United States Environmental Protection Agency Office of Air and Radiation.

#### **PREFACE**

Introduction to the Collection: Understanding the Scope of COVID-19 Effect on Social and Health Inequalities and on the Environment

The global spread of COVID-19 has had devastating effects on countries worldwide in terms of population health, economy, politics, and countries' sustainable development. This particular volume of Research in Political Sociology provides an opportunity to engage in a critical dialogue on the consequences and interactions of COVID-19 with social inequalities and environmental sustainability. The volume explores the pandemic's global devastating effects on countries' development, including populations' health, economy, and politics, and demonstrates COVID-19's impact on the environment. This book's chapters address how the pandemic amplified the already profound social inequalities in developed and developing countries and exposed limitations to environmental protection and vulnerabilities of ecological sustainability and environmental justice.

In particular, understanding that it is critical to determine the scope, magnitude, and scale of the COVID-19 pandemic effects on the most vulnerable groups, this volume addresses the pandemic's impact on countries' development, exploring the consequences and interactions of COVID-19 with social, economic, and health inequalities. Simultaneously the book addresses the problem of sustainability engaging in a dialogue of whether the sustainable development and environmental sustainability were jeopardized or enforced by the pandemic. Chapters of the volume represent studies conducted across major geographic regions from North America, and South America, to Europe, Asia, and the Middle East.

The volume is organized into two sections; the first section describes the effects of COVID-19 on social inequality, and the second focuses on environmental sustainability. Subsequently, the first part of the volume addresses the impact of COVID-19 on countries' development, exploring the consequences and interactions of COVID-19 with social inequalities concentrating on pandemic's exposure of the enduring social-economic and health inequalities existing across the globe. From Southeast Asia, South American to Europe and North America, the pandemic overwhelmingly impacted poor communities and disadvantaged minority populations. This section is organized into two subresearch categories (1) healthcare inequality and COVID-19, and (2) socio-economic inequality and COVID-19.

The first three chapters of the volume address interactions of COVID-19 with the systematic health inequalities. Unequal allocation of resources, inadequate access to healthcare service, and unfavorable to the poorer population healthcare xxvi PREFACE

policies have created an unprecedented disparity among rich and poor populations' access the healthcare system across the world. Systematic inequalities in access to healthcare services are one of the leading factors responsible for the loss of millions of lives due to the COVID-19 pandemic. Subsequently, a paper by Aladuwaka, Alagan, and Mishra (Alabama State University, Montgomery, AL) and Weinert (University at Buffalo, NY) demonstrates the effects of social determinants of health on outcomes of COVID-19 in Black Belt communities in Alabama. This paper uses geo-spatial analysis (Geographic Information Systems) to examine the association between COVID-19, social determinants of health, and the systematic health disparity to open a debate on the influence of poverty and racial inequality on outcomes of COVID-19 in the Black Belt region in Alabama. The Black Belt region is home to a predominantly African American population, with limited access to medical care and limited use of preventive healthcare services. As the authors claim, substantial poverty, limited economic resources, mistrust of healthcare professionals, and vaccine hesitancy amplified the severity of COVID-19 effects.

Continuing the focus on minority populations' unequal access to health care, Żaklina Skrenty, from Adam Mickiewicz University in Poznań, Poland, explores existing discrimination against the elderly in the Polish healthcare system and intensification of the unequal treatment of older patients during the COVID-19 pandemic. As the author argues, protective policies are urgently needed to prevent insufficient access to health care by the elderly population; measures are especially needed during health crises with more severe consequences to older populations. The need for policies correcting existing inequalities in the healthcare system also addresses Jagriti Upadhyaya from Sardar Patel University of Police, Security & Criminal Justice, Jodhpur, India, studying frontline healthcare workers in India. She demonstrates the irreplaceable role of community healthcare workers, the Accredited Social Health Activists (ASHA), whom the author considers the invisible frontline warriors of COVID-19. Moreover, Upadhyaya addresses discrimination against frontline healthcare workers in India, illustrating the ASHA workers' pivotal role in securing communities' access to health care during the COVID-19 pandemic but being rarely appreciated for their services and remaining underpaid by the administration of the Indian government.

Another timely research on healthcare policies and practices during COVID-19 are chapters discussing uneven healthcare and food distribution policies during the pandemic. In many countries, the lack of uniform healthcare policies added to the spread of the pandemic and augmented healthcare crisis. It generated distrust of the government and public confusion concerning public health safety measures and prevention, including mask-wearing requirements and availability of personal protective equipment (PPE). In particular, Rossi (Alabama State University) and Andria Moore (Arizona State University) explore "a naturalistic observation of mask-wearing behavior" during the COVID-19 2020–2021 pandemic in a southeastern town of the United States. Authors conclude that the mask-wearing requirement has generated an unprecedented hesitance among some groups in the U.S., believing that this requirement violates personal freedoms. Sunita George's (Western Illinois University, IL) study

PREFACE xxvii

focuses on unequal food distribution policies and food provision during the pandemic in Chennai, India.

Several chapters of this volume focus on social inequalities that broadened during COVID-19. The chapter by Jeeva Niriella, from the University of Colombo, Sri Lanka, discusses the critical issue of gender-based violence and COVID-19. Niriella's research mainly focuses on the legislative and judicial measures for protecting and supporting victims of domestic violence in Sri Lanka during the COVID-19 situation. Kamalaveni from Bharathiar University in India explores gender relations and gender inequality within administrative institutions. Using case studies from private and public institutions in India, Kamalaveni assesses the perpetuation of gender discriminatory practices among the members of institutional committees and the dynamics and constitution of internal committees in government and private offices magnified during the pandemic. Naima Mohammadi (Padova University, Italy) and Fattah Hatami (University of Tehran, Iran) discuss the experiences, seclusion, and discrimination of married Muslim women resorting to online dating sites for psychological support during the COVID-19 pandemic. Finally, a paper by Malik, Prakash, and Suman addresses growth of existing social inequalities among disadvantaged populations, i.e., the rural, impoverished communities in India showing the "Impact of Covid-19 on Employment in Himachal Pradesh" addressed a critical aspect of COVID-19 and economic disparity in India.

The second part of the volume focuses on sustainability, including environmental sustainability and practices of sustainable living as affected by the spread of COVID-19. A chapter by Camille Wejnert-Depue from John Hopkins University focuses on ecological sustainability exploring two examples of biodiversity loss (1) the tragedy of the commons and (2) deforestation. The author provides potential policy solutions to combat the tragedy of the commons and deforestation, especially while considering implications of the COVID-19 pandemic on biodiversity supportive policies and their execution. Following the sustainability topic, Profs. Jauk, Gill, and Everhardt with graduate student Caruana argued that the global spread of COVID-19 continues to have devastating effects in all the world's societies, and it has also exacerbated existing social inequalities within the US carceral complex. Authors demonstrate the inequality while providing a sociological exploration of women's prison gardens in pandemic times.

A chapter by Ligaya Lindio McGovern from Indiana University (USA) examines the interconnection between environmental sustainability and sustainable development. She argues that countries' sustainable development must include human rights observed by political regimes, including economic, social, cultural, and political rights and environmental rights. Nevertheless, as the author argues, in the Philippines, the experience of indigenous communities with corporate mining shows a tremendous disjuncture between environmental sustainability and human rights and sustainable development. The indigenous people's fundamental, inalienable rights are set aside, violated as if they do not matter. Such violations put barriers to realizing the U.N. 2030 Sustainable Development Goals (SDGs), and these barriers are particularly highlighted during the COVID-19 pandemic. While COVID-19 provides a risk to people's

xxviii PREFACE

health, militarization, and suppression of dissent movement defending rights of indigenous populations compound the risk to health with an extreme violation of indigenous populations' right to life.

The sustainable development issue is addressed in a paper by James Linn from the U.S., Jorge Chuaqui University of Valparaiso, Chile, and Aristoteles Alencar from the Federal University of Amazonas, Brazil, exploring Chile's political and economic sustainable development during COVID-19. In particular, the authors provide a comprehensive description and in-depth analysis of Chile's COVID-19 pandemic and political crisis, considering a structural analysis of the Chilean economy and discussing how Chileans in different social strata are coping with both COVID-19 and the social revolution. Similar in character is a paper by Izabela Skorzynska, from Adam Mickiewicz University, in Poland, reflecting on whether today's consumer attitudes promoted and practiced as the pursuit of sustainable development have their genealogy in the everyday life of Polish women. Skorzynska argues that women's past practices of sawing wardrobe, canning, and economic frugality that constituted a segment of living conditions during communism can teach a lesson on using modest resources frugally and inventively, to ensure sustainable development living. The author asserts that old everyday practices of saving resources through ingenious, creative use are returning to favor in a time of sustainable development. With the awareness of contemporary civilization threats, their usefulness may once again turn out to be helpful for humanity.

Overall, this volume contributes to studies on this extraordinary moment in human history using a global perspective. Such analyses are vital to understanding countries' progress during and after the pandemic to build a future where opportunities and advancement rise for all and environmental sustainability flourishes.

Seela Aladuwaka Barbara Wejnert Ram Alagan