

1. Record Nr.	UNINA9910350220203321
Autore	Yamaguchi Daiki
Titolo	Search for New Phenomena in Top-Antitop Quarks Final States with Additional Heavy-Flavour Jets with the ATLAS Detector / / by Daiki Yamaguchi
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-15-0932-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xviii, 279 pages) : illustrations
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	539.72167
Soggetti	Particle acceleration Nuclear physics Heavy ions Particles (Nuclear physics) Quantum field theory Particle Acceleration and Detection, Beam Physics Nuclear Physics, Heavy Ions, Hadrons Elementary Particles, Quantum Field Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Doctoral thesis accepted by Tokyo Institute of Technology, Tokyo, Japan."
Nota di contenuto	Introduction -- The ATLAS Experiment at the Large Hadron Collider -- Reconstruction of physics objects -- Data and Event simulations -- Signal and background modeling -- Optimisations of heavy object tagging and event categorisation -- Analysis strategy -- Systematic uncertainties -- Statistical analysis -- Results -- Discussion -- Prospect -- Conclusion.
Sommario/riassunto	This book reports on the search for a new heavy particle, the Vector-Like Top quark (VLT), in the Large Hadron Collider (LHC) at CERN. The signal process is the pair production of VLT decaying into a Higgs boson and top quark (TTHt+X, X=Ht, Wb, Zt). The signal events result in top–antitop quarks final states with additional heavy flavour jets. The book summarises the analysis of the data collected with the ATLAS detector in 2015 and 2016. In order to better differentiate between

signals and backgrounds, exclusive taggers of top quark and Higgs boson were developed and optimised for VLT signals. These efforts improved the sensitivity by roughly 30%, compared to the previous analysis. The analysis outcomes yield the strongest constraints on parameter space in various BSM theoretical models. In addition, the book addresses detector operation and the evaluation of tracking performance. These efforts are essential to properly collecting dense events and improving the accuracy of the reconstructed objects that are used for particle identification. As such, they represent a valuable contribution to data analysis in extremely dense environments.

2. Record Nr.	UNINA9910957032503321
Autore	Sturm Circe <1967->
Titolo	Blood politics : race, culture, and identity in the Cherokee Nation of Oklahoma // Circe Sturm
Pubbl/distr/stampa	Berkeley, : University of California Press, c2002
ISBN	9786612762574 9781282762572 1282762575 9780520936089 0520936086 9781597345033 1597345032
Edizione	[1st ed.]
Descrizione fisica	1 online resource (269 p.)
Disciplina	305.897/55
Soggetti	Cherokee Indians - Ethnic identity Cherokee Indians - Mixed descent Cherokee Indians - Social conditions Ethnohistory - Oklahoma
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 231-244) and index.
Nota di contenuto	Front matter -- Contents -- Illustrations -- Acknowledgments -- Note To The Reader -- 1. Opening -- 2. Blood, Culture, And Race: Cherokee

Politics And Identity In The Eighteenth Century -- 3. Race As Nation, Race As Blood Quantum: The Racial Politics Of Cherokee Nationalism In The Nineteenth Century -- 4. Law Of Blood, Politics Of Nation: The Political Foundations Of Racial Rule In The Cherokee Nation, 1907-2000 -- 5. Social Classification And Racial Contestation: Local Non-National Interpretations Of Cherokee Identity -- 6. Blood And Marriage: The Interplay Of Kinship, Race, And Power In Traditional Cherokee Communities -- 7. Challenging The Color Line: The Trials And Tribulations Of The Cherokee Freedmen -- 8. Closing -- Notes -- Bibliography -- Index

Sommario/riassunto

Circe Sturm takes a bold and original approach to one of the most highly charged and important issues in the United States today: race and national identity. Focusing on the Oklahoma Cherokee, she examines how Cherokee identity is socially and politically constructed, and how that process is embedded in ideas of blood, color, and race. Not quite a century ago, blood degree varied among Cherokee citizens from full blood to 1/256, but today the range is far greater--from full blood to 1/2048. This trend raises questions about the symbolic significance of blood and the degree to which blood connections can stretch and still carry a sense of legitimacy. It also raises questions about how much racial blending can occur before Cherokees cease to be identified as a distinct people and what danger is posed to Cherokee sovereignty if the federal government continues to identify Cherokees and other Native Americans on a racial basis. Combining contemporary ethnography and ethnohistory, Sturm's sophisticated and insightful analysis probes the intersection of race and national identity, the process of nation formation, and the dangers in linking racial and national identities.

3. Record Nr.	UNINA9910960150003321
Titolo	Environmental priorities and poverty reduction : : a country environmental analysis for Colombia // Ernesto Sanchez-Triana, Kulsum Ahmed, Yewande Awe, editors
Pubbl/distr/stampa	Washington, D.C. : , : World Bank, , c2007
ISBN	1-280-94045-X 9786610940455 0-8213-6889-3
Edizione	[1st ed.]
Descrizione fisica	liv, 504 pages : illustrations, maps ; ; 23 cm
Collana	Directions in development. Environment and sustainable development
Altri autori (Persone)	Sanchez TrianaErnesto AhmedKulsum <1964-> AweYewande
Disciplina	363.7009861
Soggetti	Environmental health - Colombia Poverty - Colombia Industries - Environmental aspects - Colombia Pollution - Colombia Indoor air pollution - Colombia Fuel - Health aspects - Colombia Colombia Environmental conditions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Contents -- Foreword -- Preface -- Acknowledgments -- Abbreviations -- Local and Regional Environmental Authorities -- Executive Summary -- Chapter 1 Overview -- Objectives of the Country Environmental Analysis -- CEA Process and Summary -- References -- Chapter 2 A Unique Model for Environmental Management -- Institutional and Legal Foundations: 1952-74 -- Expansion of Roles and Legal Frameworks: 1975-93 -- The 1991 Constitution and Law 99 of 1993 -- Consolidating Institutions, Regulations, and Planning: 1994-2005 -- Conclusions -- Notes -- References -- Chapter 3 Actors and Institutions -- Environmental Information Systems -- SINA's Finances -- The Ministry of Environment -- National Environmental

Council and National Technical Advisory Council -- National Planning Department -- Investigational Institutes -- National Parks System -- Public Participation -- Control Organizations -- Judiciary -- Conclusions and Recommendations -- Notes -- References -- Chapter 4 Decentralization: A Balancing Act -- Overall Performance of CARs -- Allocation of CAR Resources and Priority Setting -- Sources of CARs' Financial Resources -- Adequacy of Human and Technical Resources -- Sanitation Infrastructure -- Relationships between CARs and other SINA Entities -- Conclusions and Recommendations -- Notes -- References -- Chapter 5 Setting Environmental Priorities: Top Down and Bottom Up -- Annual Cost of Environmental Damage -- Costs by Environmental Category -- Water, Sanitation, and Hygiene -- Urban Air Pollution -- Indoor Air Pollution -- Agricultural Land Degradation -- Natural Disasters -- Perceptions of the Priority of Environmental Problems -- Conclusions -- Notes -- References -- Chapter 6 Waterborne Diseases Remain Widespread -- Assessment of Policy Design, Efficiency, and Effectiveness -- Analysis of Policy Implementation. Analysis of Alternative Interventions -- Conclusions and Recommendations -- Notes -- References -- Chapter 7 Improving Air Quality -- Air Quality Management -- Performance of the Air Quality Management System -- Potential Interventions to Control Air Pollution -- Conclusions and Recommendations -- Notes -- References -- Chapter 8 A Silent Killer: Indoor Air Pollution -- Acute Respiratory Illness in Colombia -- Health Effects of Indoor Air Pollution -- A Benefit-Cost Analysis Framework -- Stove Efficiency -- Fuelwood Consumption -- Cost of Interventions -- Benefit-Cost Analysis -- Sensitivity Analysis -- Effectiveness of Indoor Air Pollution Control Programs -- Conclusions and Recommendations -- Notes -- References -- Chapter 9 The Environmental Cost of Accelerated Urban Growth -- Urban Growth and Environment in Colombia -- Housing Policy: Main Environmental Difficulties and the Government's Response -- Conclusions and Recommendations-Housing and Urban Development -- Waste Management -- Background and Brief History -- Effectiveness of the Waste Management System -- Conclusions and Recommendations-Waste Management and Urban Development -- Notes -- References -- Chapter 10 Living with Natural Disasters -- Natural Disasters in Colombia: Occurrence and Impacts -- Effectiveness of Policy Design -- Conclusions and Recommendations -- Notes -- References -- Chapter 11 Water Management in a Water-Rich Country -- Water Quantity -- Degradation of Water Bodies -- Water Pollution Control -- Conclusions -- Recommendations -- Notes -- References -- Chapter 12 Land Degradation and Deforestation -- Soil Erosion and Salinization: Magnitude and Dimensions of the Problem -- Forests -- Conclusions and Recommendations -- Notes -- References -- Chapter 13 Biodiversity Loss and Other Global Environmental Problems -- Biodiversity -- The National Protected Areas System. The Policy for Social Participation in Conservation -- Climate Change -- Ozone Depletion -- Conclusions and Recommendations -- Notes -- References -- Chapter 14 Conclusions and Recommendations -- Tackling Environmental Priorities -- Conclusions -- Note -- References -- Boxes -- 2.1 Colombia's National Environmental System -- 11.1 Case Study of the Allocation of Water Resources in the Bogotá Savanna -- Figures -- 2.1 Public Environmental Expenditure as a Percentage of GDP in Argentina, Brazil, Chile, Costa Rica, Mexico, and Colombia -- 2.2 Expenditures of SINA Agencies, 1995-2003 -- 5.1 Annual Cost of Environmental Damage -- 5.2 Estimated Annual Urban Costs -- 5.3 Estimated Annual Rural Costs -- 5.4 Costs by Category -- 5.5 Costs of Environmental Degradation (Health and Quality of Life) -- 5.6 Physical

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5.9 Estimated Annual Cost of Hepatitis A, Typhoid, and Paratyphoid.

Sommario/riassunto

Environmental Priorities and Poverty Reduction: A Country Environmental Analysis for Colombia proposes cost-effective policy and technical interventions aimed at abating the cost of environmental degradation and supporting more equitable and sustainable economic growth. Environmental degradation is associated with increased morbidity and mortality and decreased productivity. Urban and indoor air pollution; inadequate water supply, sanitation, and hygiene; natural disasters (mainly floods and landslides); and land degradation are the environmental problems associated with the highest social and economic costs, falling most heavily on vulnerable people, especially poor children under five years old. Environmental Priorities and Poverty Reduction begins by exploring institutional change and environmental priorities in Colombia over the past 50 years, a time of substantial progress in environmental protection and rapid transition from a largely rural to a highly urbanized economy. Part II assesses the burden of disease rooted in inadequate water supply, sanitation, and hygiene; poor air quality; and natural disasters; and the environmental management practices to reduce that burden. A discussion of the environmental costs of rapid and unplanned urbanization is also included. Part III assesses the sustainable management of Colombia's rich endowment of natural resources. This book provides a wealth of information for policy decision-makers, government officials, and other professionals working in environmental policy and management, poverty reduction strategies, public health, environmental economics, and civil society issues.
