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Titolo	Monarchs in a changing world : biology and conservation of an iconic butterfly // edited by Karen S. Oberhauser, Kelly R. Nail, Sonia Altizer
Pubbl/distr/stampa	Ithaca, New York ; ; London, [England] : , : Comstock Publishing Associates, a division of Cornell University Press, , 2015 ©2015
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Descrizione fisica	1 online resource (352 p.)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Contents -- PART I Model Programs for Citizen Science, Education, and Conservation / Oberhauser, Karen S. -- PART II Monarchs as Herbivores, Prey, and Hosts / Roode, Jacobus C. de -- PART III Monarchs in a Changing Climate / Nail, Kelly R. / Oberhauser, Karen S. -- PART IV Conserving North American Monarch Butterflies / Brower, Lincoln P. / Fink, Linda S. -- PART V New Perspectives on Monarch Migration, Evolution, and Population Biology / Davis, Andrew K. / Altizer, Sonia -- References -- Contributors -- Index -- Color Plates
Sommario/riassunto	Monarch butterflies are among the most popular insect species in the world and are an icon for conservation groups and environmental education programs. Monarch caterpillars and adults are easily recognizable as welcome visitors to gardens in North America and beyond, and their spectacular migration in eastern North America (from breeding locations in Canada and the United States to overwintering sites in Mexico) has captured the imagination of the public. Monarch migration, behavior, and chemical ecology have been studied for decades. Yet many aspects of monarch biology have come to light in

only the past few years. These aspects include questions regarding large-scale trends in monarch population sizes, monarch interactions with pathogens and insect predators, and monarch molecular genetics and large-scale evolution. A growing number of current research findings build on the observations of citizen scientists, who monitor monarch migration, reproduction, survival, and disease. Monarchs face new threats from humans as they navigate a changing landscape marked by deforestation, pesticides, genetically modified crops, and a changing climate, all of which place the future of monarchs and their amazing migration in peril. To meet the demand for a timely synthesis of monarch biology, conservation and outreach, *Monarchs in a Changing World* summarizes recent developments in scientific research, highlights challenges and responses to threats to monarch conservation, and showcases the many ways that monarchs are used in citizen science programs, outreach, and education. It examines issues pertaining to the eastern and western North American migratory populations, as well as to monarchs in South America, the Pacific and Caribbean Islands, and Europe. The target audience includes entomologists, population biologists, conservation policymakers, and K-12 teachers. Contributors: Anurag A. Agrawal, Cornell University; Jared G. Ali, Michigan State University; Sonia Altizer, University of Georgia; Michael C. Anderson, Eden Prairie, Minnesota; Sophia M. Anderson, Eden Prairie, Minnesota; Kim Bailey, Georgia Department of Natural Resources; Rebecca Batalden, University of Minnesota; Kristen A. Baum, Oklahoma State University; Scott Hoffman Black, Xerces Society for Invertebrate Conservation; Brianna Borders, Xerces Society for Invertebrate Conservation; Lincoln P. Brower, Sweet Briar College; Wendy Caldwell, University of Minnesota; Mariana Cantú-Fernandez, Universidad Nacional Autónoma de México; Nicola Chamberlain, Harvard University; Sonya Charest, Montreal Insectarium; Andrew K. Davis, University of Georgia; Alma De Anda, Covina, California; Guadalupe del Rio Pesado, Alternare, A.C., Mexico; Janet Kudell-Ekstrum, USDA Forest Service; Linda S. Fink, Sweet Briar College; Mark Fishbein, Oklahoma State University; Juan Fernández-Haeger, University of Córdoba, Spain; Eligio García Serrano, Fondo Monarca, Mexico; Mark Garland, Cape May Monarch Monitoring Project; Brian Hayes, Monarch Teacher Network; Elizabeth Howard, Journey North; Mark D. Hunter, University of Michigan; Sarina Jepsen, Xerces Society for Invertebrate Conservation; Diego Jordano, University of Córdoba, Spain; Matthew C. Kaiser, University of Minnesota; Ridlon J. Kiphart, Texas Master Naturalists; Marcus R. Kronforst, University of Chicago; Jim Lovett, University of Kansas; Eric Lee-Mäder, Xerces Society for Invertebrate Conservation; Stephen B. Malcolm, Western Michigan University; Héctor Martínez-Torres, Universidad Nacional Autónoma de México; Susan Meyers, Stone Mountain Memorial Association; Erik A. Mollenhauer, Monarch Teacher Network; Mía Monroe, Xerces Society for Invertebrate Conservation; Eneida B. Montesinos-Patino, Monarch Butterfly Fund; Gail M. Morris, Southwest Monarch Study; Elisha K. Mueller, Oklahoma State University; Kelly R. Nail, University of Minnesota; Karen S. Oberhauser, University of Minnesota; Diego R. Pérez-Salícrup, Universidad Nacional Autónoma de México; Amanda A. Pierce, Emory University; John Pleasants, Iowa State University; Victoria Pocius, University of Kansas; Robert Michael Pyle, Northwest Lepidoptera Survey; M. Isabel Ramírez, Universidad Nacional Autónoma de México; Sergio Rasmann, University of California, Irvine; Gerald Rehfeldt, USDA Forest Service; Eduardo Rendón-Salinas, World Wildlife Fund-Mexico; Leslie Ries, National Socio-Environmental Synthesis Center; Jacobus C. de Roode, Emory University; Richard G. RuBino, Florida State University;

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Menon, Sreevals Kolathayar, Hugo Rodrigues, K. S. Sreekeshava

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1 online resource (530 pages)

Lecture Notes in Civil Engineering, , 2366-2565 ; ; 459

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SreekeshavaK. S

690

Buildings - Design and construction  
Environmental engineering  
Civil engineering  
Construction industry - Management  
Building Construction and Design  
Environmental Civil Engineering  
Construction Management

Inglese

Materiale a stampa

Monografia

## Nota di contenuto

Recent Advances in Civil Engineering for Sustainable Communities - An Introduction -- Investigation on Compressive Strength of Fibre Reinforced Concrete Using Artificial Neural Network -- Conventional and Ensemble Machine Learning Techniques to Predict the Compressive Strength of Sustainable Concrete -- Experimental Study on Strength Properties of Concrete Incorporated with Bacteria -- Predicting the Porosity of SCM-blended Concrete Composites Using Ensemble Machine Learning Models -- Ensemble Machine Learning Models to Predict the Compressive Strength and Ultrasonic Pulse Velocity of Sustainable Concrete -- Prognosis of Concrete Strength: The State of Art in Using Different Machine Learning Algorithms -- Experimental Study on Strength and Durability Characteristics of Mortars with TiO<sub>2</sub> Nanoparticles -- Optimizing Sustainable Construction Materials with Machine Learning Algorithms: Predicting Compressive Strength of Concrete Composites -- Group Indexing of Fly Ashes using Unsupervised -- Learning and Fuzzy Clustering Techniques -- Study on Self-Healing Properties of Bacteria based Cement Mortar with Eggshell Powder and Jute fibre -- A Study on Repair Effectiveness of Damaged RC Beams with Circular Openings Using CFRP Sheet -- ELA and AAR Dynamics of Glaciers in Chandra Basin, Western Himalayas -- GIS Applications and Machine Learning Approaches in Civil Engineering -- Structural Health Monitoring by Simultaneous Measurement of Strain and Temperature Using Different Materials.

## Sommario/riassunto

This book presents select proceedings of the International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development (IACESD 2023). The topics covered include geographic information systems (GIS) and building information modeling (BIM), integration of numerical methods for fluid flow modeling, and the revolutionary potential of 3D printing within the construction industry. This book serves as a resource material for researchers and industry professionals interested in developing solutions for sustainable and resilient infrastructure that aims for communities with Net Zero Targets.

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Titolo	Literary cultures and public opinion in the Low Countries, 1450-1650 / / edited by Jan Bloemendaal, Arjan van Dixhoorn, Elsa Strietman
Pubbl/distr/stampa	Leiden ; ; Boston, : Brill, 2011
ISBN	1-283-16175-3 9786613161758 90-04-20111-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (334 p.)
Collana	Brill's studies in intellectual history ; ; v. 197
Altri autori (Persone)	BloemendaalJan <1961-> DixhoornArjan van StrietmanElsa
Disciplina	839.1/09002
Soggetti	Dutch literature - 1500-1800 - History and criticism Latin literature, Medieval and modern - Benelux countries - History and criticism Public opinion in literature Literature and society - Benelux countries - History - 16th century Literature and society - Benelux countries - History - 17th century Public opinion - Benelux countries - History - 16th century Public opinion - Benelux countries - History - 17th century Influence (Literary, artistic, etc.) Benelux countries Intellectual life 16th century Benelux countries Intellectual life 17th century
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preliminary Material / J. Bloemendaal , A. Van Dixhoorn and E. Strietman -- Chapter One. Literary Cultures And Public Opinion In The Early Modern Low Countries / Jan Bloemendaal and Arjan Van Dixhoorn -- Chapter Two. 'You Serve Me Well': Representations Of Gossip, Newsmongering And Public Opinion In The Plays Of Cornelis Everaert / Samuel Mareel -- Chapter Three. 'Please Do Not Mind The Crudeness Of Its Weave': Literature, Gender And The Polemic Authority Of Anna Bijns / Judith Keßler -- Chapter Four. The Morality Of Hypocrisy:

Gnapheus's Latin Play Hypocrisy And The Lutheran Reformation / Verena Demoed -- Chapter Five. Playing To The Public, Playing With Opinion: Latin And Vernacular Dutch History Drama By Heinsius And Duym / Juliette Groenland -- Chapter Six. Hugo Grotius In Praise Of Jacobus Arminius: Arminian Readers Of An Epicedium In The Dutch Republic And England / Moniek Van Oosterhout -- Chapter Seven. Manuscript Pamphlets And Made-Up Performances: New Sources And Challenges In The Study Of Public Opinion / Nelleke Moser -- Chapter Eight. 'The Cry Of The Royal Blood': Revenge Tragedy And The Stuart Cause In The Dutch Republic, 1649-1660 / Helmer Helmers -- Chapter Nine. 'A Vile And Scandalous Ditty': Popular Song And Public Opinion In A Seventeenth-Century Dutch Village Conflict / Joke Spaans -- Chapter Ten. Early Modern Literary Cultures And Public Opinion: An Epilogue In The Form Of A Discussion / Jan Bloemendal and Arjan Van Dixhoorn -- Bibliography / J. Bloemendal , A. Van Dixhoorn and E. Strietman -- About The Authors / J. Bloemendal , A. Van Dixhoorn and E. Strietman -- Index Of Names And Subjects / J. Bloemendal , A. Van Dixhoorn and E. Strietman.

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#### Sommario/riassunto

In the early modern Low Countries, literary culture functioned on several levels simultaneously: it provided learning, pleasure, and entertainment while also shaping public debate. From a ditty in Dutch sung in the streets to a funeral poem in Latin composed to be read for or by intimate friends, from a play performed for a prince to a comedy written for pupils – literary texts and performances often dealt with highly controversial topics of religion or politics, on a local or national, but also on a supranational scale. This volume sets out to analyse the role and function of literary culture in the formation of early modern public opinion, and proposes ways in which a modern scholar might approach early modern works of literature and other traces of literary culture to explore early modern public opinion making. The cases presented in this volume bring the Dutch and Latin literary cultures of the Low Countries in the focus of international debates on the history of public opinion.

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