

TABLE OF CONTENTS

Acknowledgments

Chapter One: Location Intelligence as an Evolving Field

- 1.1. Disciplinary Development: A Need for Building and Broadening.....
- 1.2. Book Organization.....
- 1.3. How to Use This Book.....

Chapter Two: Service Sector

- 2.1. Introduction: Location Intelligence and the Service Sector.....
- 2.2. Retail and Consumer Services.....
 - Case Study 2.2.1: Applications of Gravity Modeling to Evaluate Dine-In Restaurant Location and Competitiveness Using a Representative Sample—Jefferson County, Kentucky (2013)
 - Joel P. Dock and Wei Song

Case Study 2.2.2: Applications of Gravity Modeling to Evaluate Dine-In Restaurant Location and Competitiveness Using a Representative Sample—Jefferson County, Kentucky (2013)
Tony Hernandez and Matthew Emmons

Case Study 2.2.3: National Level Analysis of Major U.S. Domestic Retailers (2010).....
Lawrence Joseph

Case Study 2.2.4: Case Study 2.2.4: Analyzing Successful Locations of Competing Quick-Service Restaurants (2007).....
Lawrence Joseph

Case Study 2.2.5: A GIS-Based Market Location Study of a Veterinary Clinic in South Carolina (2000).....
Paul R. Burger and Kimberley D. Cooper

Case Study 2.2.6: Site Analysis, Decision Making, and the Analytical Hierarchy Process (1993).....
A. William Dakan

Case Study 2.2.7: Geographic Information Systems and Market Research (1989).....
Michael F. Goodchild

2.3. Transportation.....

Case Study 2.3.1: The Geography of Market Concentration in the U.S. Airline Industry (2012).....
Hilton A. Cordoba and Russell Ivy

Case Study 2.3.2: Urban Transportation in Beijing, China—
Challenges, Causes, and Implications (2009).....
Fengjun Jin, Jiaoe Wang, and Teqi Dai

Case Study 2.3.3: Visual Exploration of US Domestic Airline
Market Structures (2007).....
Jun Yan and Jean-Claude Thill

Case Study 2.3.4: El Paso, Texas and Ciudad Juarez,
Chihuahua—Transportation Problems in the Paso Del Norte
Region (2000).....
Robert Czerniak

2.4. Tourism, Sports, and

Recreation.....

Case Study 2.4.1: Integrating a Geographical Information
System With Multiple Data Sources to Analyze the Feeder
Market of Second Home-Based Tourism in a Coastal
Destination (2011).....
Kang Shou Lu

Case Study 2.4.2: Exploring the Sportscape of Toronto—Form,
Function, and Facilities (2009).....
Tony Hernandez, Ida Berger, Norman O'Reilly, Milena Parent,
Benoit Séguin, and Magnus Svindal

Case Study 2.4.3: Downtown Revitalization and Major League
Sports—The Emergence of Smaller Markets (1999).....
Jonathan C. Comer and Tracy R. Newsome

Chapter Three: Financial Sector

3.1. Introduction: Location Intelligence and Finance,
Insurance, and Real Estate.....

3.2. Banking.....

Case Study 3.2.1: Is Retail Banking Service Converging
Toward the Market in Illinois? A General Methodology
(2005).....
Bin Zhou and Wendy Shaw

Case Study 3.2.2: Changing Bank Market Structure Amid
Banking Restructuring—A Case of St. Louis (1997).....
Bin Zhou

3.3. Insurance.....

Case Study 3.3.1: Building Codes and Residential Structures—
Spatial and Temporal Patterns of Hurricane Wind Damage
(2013).....
Graham A. Tobin and Jeff Burton

Case Study 3.3.2: Floodplains, Flood Insurance, and
Residential Property Values (1997).....
Robert S. Bednarz and Marit Tenfjord

3.4. Real Estate, Housing, and Urban Development.....

Case Study 3.4.1: Examining the Impact of Spatial Measures on
Residential Property Prices in the Toronto Region
(2013).....
Maurice Yeates, Tony Hernandez, and Paul Du

Case Study 3.4.2: Analysis of Impacts of Removing the Fort Loudon Dam on Upstream Residential Property Values in Tennessee (2013).....
Jeffrey C. French and Christopher A. Badurek

Case Study 3.4.3: Land Use Change and Persistence on a Revitalized Waterfront—The Case of Portland, Maine (2007).....
Susan Lucas and Timothy C. Pitts

Chapter Four: Industrial Sector

4.1. Location Intelligence and Industrial Activity.....

4.2. Manufacturing.....

Case Study 4.2.1: Evaluating the Success of an Industrial Cluster (2010).....
Neil Reid and Bruce W. Smith

Case Study 4.2.2: Branding & Growing Place-Based Clusters—The Case of the Northwest Ohio Greenhouse Industry (2009).....
Neil Reid, Bruce W. Smith, Dwight Haase,
Paula Ross, Anastasia Mirzoyants, and Jay D. Gatrell

Case Study 4.2.3: Bio-Tech Innovation Clustering in Indianapolis (2006).....
Gregory S. Meyer and Mark E. Reisinger

Case Study 4.2.4: Export-Oriented Development,
the State, and Social Capital—A Case Study of Maquiladora
Production in Yucatan, Mexico (2002).....
James J. Biles, Lindon Robison, and Marcelo Siles

4.3. Utilities.....

Case Study 4.3.1: Investor-Owned Electricity Companies—
Factors Influencing Profitability (2010).....
Bradley T. Cullen

Case Study 4.3.2: Using GIS to Determine Optimal Recycling
Collection Site Locations in Denton, Texas (2002).....
David Havens and Harry Williams

Chapter Five: Public Sector

5.1. Location Intelligence and Public
Policy.....

5.2. Public Policy Analysis.....

Case Study 5.2.1: Can You Really Walk There From Here?
A Case Study of Walkability at Mockingbird Station
in Dallas, Texas (2013).....
Owen Wilson-Chavez and Murray D. Rice

Case Study 5.2.2: Mapping Food Deserts—A Case Study in
Baltimore City, Maryland (2012).....
Justin Mannion, Alex Stapleton, Shuang Wu, and Kang Shou
Lu

Case Study 5.2.3: An Exploration of Alternative Food Desert Definitions in South Dallas (2012).....

Amanda Regan and Murray D. Rice

Case Study 5.2.4: New Business Opened During the Great Recession—An Albuquerque Case Study (2011).....

Bradley T. Cullen

Case Study 5.2.5: Business Impacts of Highway Bypasses (2001).....

Jonathan C. Comer and G. Allen Finchum

Case Study 5.2.6: Supporting the Planning of Public Library Locations Using Multiple Methods (1998).....

John R. Ottensmann

Case Study 5.2.7: Brandon’s Hog Processing Plant and Quality of Life (1998).....

Sylvia-Linda Kaktins

Chapter Six: Emerging Issues and the Future of Location Intelligence

6.1. The Big Picture: An Applied Geographic Legacy.....

6.2. Location Intelligence: Themes.....

6.3. Location Intelligence: Assessing the Challenges and Opportunities.....

Index.....