## Contents

<table>
<thead>
<tr>
<th>Preface</th>
<th>xiii</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acknowledgments</td>
<td>xxi</td>
</tr>
</tbody>
</table>

### PART ONE

**Origination**

### CHAPTER 1

**Fundamentals of Credit Risk**

- What Is Credit Risk? 3
- Types of Transactions That Create Credit Risk 5
- Who Is Exposed to Credit Risk? 9
- Why Manage Credit Risk? 18

### CHAPTER 2

**Governance**

- Guidelines 22
- Setting Limits 25
- Skills 26
- Oversight 29

### CHAPTER 3

**Checklist for Origination**

- Does the Transaction Fit into My Strategy? 34
- Does the Risk Fit into My Existing Portfolio? 35
- Do I Understand the Credit Risk? 36
- Does the Seller Keep an Interest in the Deal? 37
- Are the Proper Mitigants in Place? 38
- Is the Legal Documentation Satisfactory? 38
- Is the Deal Priced Adequately? 39
- Do I Have the Skills to Monitor the Exposure? 40
- Is There an Exit Strategy? 40
<table>
<thead>
<tr>
<th>Contents</th>
<th>ix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Risk Assessment of ABS</td>
<td>137</td>
</tr>
<tr>
<td>Warehousing Risk</td>
<td>138</td>
</tr>
</tbody>
</table>

**PART THREE**

**Portfolio Management**

**CHAPTER 9**

**Credit Portfolio Management**
- Level 1 | 145
- Level 2 | 149
- Level 3 | 153
- Organizational Set-Up and Staffing | 155
- The IACPM | 156

**CHAPTER 10**

**Economic Capital and Credit Value at Risk (CVaR)**
- Capital: Economic, Regulatory, Shareholder | 160
- Defining Losses: Default versus Mark-to-Market | 163
- Credit Value at Risk or CVaR | 165
- Creating the Loss Distribution | 171
- Active Portfolio Management and CVaR | 179
- Pricing | 181

**CHAPTER 11**

**Regulation**
- Doing Business with a Regulated Entity | 184
- Doing Business as a Regulated Entity | 189
- How Regulation Matters: Key Regulation Directives | 190

**CHAPTER 12**

**Accounting Implications of Credit Risk**
- Loan Impairment | 202
- Loan-Loss Accounting | 203
- Regulatory Requirements for Loan-Loss Reserves | 205
- Impairment of Debt Securities | 206
- Derecognition of Assets | 207
- Consolidation of Variable Interest Entities (VIEs) | 208
- Accounting for Netting | 209
- Hedge Accounting | 211
- Credit Valuation Adjustments, Debit Valuation Adjustments and Own Credit Risk Adjustment | 212
- IFRS 7 | 213
PART FOUR

Mitigation and Transfer

CHAPTER 13

Mitigating Derivative Counterparty Credit Risk

Measurement of Counterparty Credit Risk
Mitigation of Counterparty Credit Risk through Collateralization
Legal Documentation
Dealers versus End-Users
Bilateral Transactions versus Central Counterparty Clearing
Prime Brokers
Repurchase Agreements
Final Words

CHAPTER 14

Structural Mitigation

Transactions with Corporates
Segmentation of the Commercial Loan Market
Senior versus Junior Debt
Secured versus Unsecured Loans
Covenants
Events of Default
Transactions with Special Purpose Vehicles
Impact of Structural Mitigants on Default Probability
Impact of Structural Mitigants on Recovery Rates
Senior/Subordinated Structures
Credit Enhancement

CHAPTER 15

Credit Insurance, Surety Bonds, and Letters of Credit

Credit Insurance
Surety Bonds
Letters of Credit or LoCs
The Providers’ Point of View

CHAPTER 16

Credit Derivatives

The Product
The Settlement Process
Valuation and Accounting Treatment
Uses of CDS 276
Credit Default Swaps for Credit and Price Discovery 280
Credit Default Swaps and Insurance 280
Indexes, Loan CDSs, MCDSs, and ABS CDSs 280

CHAPTER 17
Collateral Debt Obligations (CDOs) 283
What Are CDOs? 283
Collateralized Loan Obligations or CLOs 286
Arbitrage CLOs 287
Balance Sheet CLOs 290
ABS CDOs 292
Credit Analysis of CDOs 296

CHAPTER 18
Bankruptcy 301
What Is Bankruptcy? 301
Patterns of Bankrupt Companies 303
Signaling Actions 306
Examples of Bankruptcies 307

About the Authors 311
Index 313