The Handbook of Insurance-Linked Securities

Pauline Barrieu (Editor), Luca Albertini (Editor)

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DESCRIPTION

"Luca Albertini and Pauline Barrieu are to be congratulated on this volume. Written in a period where structured projects in finance are having a difficult time, it is worthwhile to return to the cradle of securitisation: insurance. Spread out over three parts (life, non-life, and tax and regulatory issues) the 26 chapters, written mainly by practitioners, give an excellent overview of this challenging field of modern insurance. Methodology and examples nicely go hand in hand. The overall slant being towards actual analyses of concrete products. No doubt this book will become a milestone going forward for actuarial students, researchers, regulators and practitioners alike."

— Paul Embrechts, Professor of Mathematics and Director of RiskLab, ETH Zurich

The convergence of insurance with the capital markets has opened up an alternative channel for insurers to transfer risk, raise capital and optimize their regulatory reserves as well as offering institutions a source of relatively liquid investment with limited correlation with other exposures. One of the financial instruments allowing for the cession of insurance-related risks to the capital markets is Insurance-Linked Securities (ILS).

This book provides hands-on information essential for market participants, drawing on the insights and expertise of an impressive team of international market players, representing the various aspects and perspectives of this growing sector.

The book presents the state of the art in Insurance-Linked Securitization, by exploring the various roles for the different parties involved in the transactions, the motivation for the transaction sponsors, the potential inherent pitfalls, the latest developments and transaction structures and the key challenges faced by the market.
The book is organized into parts, each covering a specific topic or sector of the market. After a general overview of the ILS market, the Insurance-Linked Securitization process is studied in detail. A distinction is made between non-life and life securitization, due to the specificities of each sector. The process and all the actors involved are identified and considered in a comprehensive and systematic way. The concepts are first looked at in a general way, before the analysis of relevant case studies where the ILS technology is applied.

Particular focus is given to:

• the key stages in both non-life and life securitizations, including the general features of the transactions, the cedant's perspectives, the legal issues, the rating methodologies, the choice of an appropriate trigger and the risk modeling,

• the particular challenges related to longevity securitization,

• the investor’s perspective and the question of the management of a portfolio of ILS, the general issues related to insurance-linked securitization, such as accounting and tax issues, regulatory issues and solvency capital requirements.

The book is accompanied by a website www.wiley.com/go/albertini_barrieu_ILS which will feature updates and additions to the various contributions to follow market developments.

ABOUT THE AUTHOR

Dr PAULINE BARRIEU is a Reader (associate professor) at the London School of Economics. She has two PhDs in Mathematics and in Finance. Her research interests are mainly on the study of problems at the interface between finance and insurance, in particular ILS. She also works on quantitative methods for risk measurement and robust decision taking, with applications in finance and environmental economics.

LUCA ALBERTINI is Chief Executive Officer of Leadenhall Capital Partners, an asset management company dedicated to insurance linked investments strategies. Luca has over 16 year’s securitisations experience, having worked at Citibank, GE Capital, Credit Suisse First Boston and at Swiss Re, where he became responsible for the European Insurance Linked Securities team.

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