MARIOS N. KYRIACOU
C.STAT (RSS), PH.D (CAM), M.PHIL (CAM), B.SC HONS (WARW)

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Personal Details
Date of Birth: 4 September 1973
Marital Status: Married
Sex: Male

CURRENT STATUS (since 15.5.2015)

- **Founder and Managing Director, MNK Risk Consulting Ltd**
  Risk consulting and financial services advisory

BANKING WORK EXPERIENCE

2008-2015 **Head of Risk Management, Piraeus Bank Cyprus**

- Responsible for the management of credit and counterparty risk, market and liquidity risk, operational risk, Treasury middle office operations. Reporting to the Board of Directors through the Board Risk Committee. Specific responsibilities and achievements include:
  - Capital adequacy calculation and optimization, and capital planning
  - Implementing in house an internal capital adequacy assessment process framework (ICAAP) for quantifying Pillar 2 capital needs
  - Loan portfolio comprehensive analysis, monitoring of key performance ratios for delinquent and restructured facilities, assessing the effectiveness of restructurings
  - Development of an arrears management framework
  - Stress Testing for all risk areas: methodology development and implementation
  - Designing and maintaining a database for credit risk management; parameters include default probabilities, loss-given-default rates, collateral coverage, internal credit ratings
  - Credit Value at Risk (VaR) model developed in house
  - Credit application scoring
  - Credit and Liquidity risk based loan pricing
  - Individual impairment and collective provisioning review & validation
  - Development of a liquidity risk management framework for monitoring the prudential liquidity ratios and assessing regulatory and actual liquidity surplus
  - Banking book FX and interest rate risk monitoring, developing and maintaining market VaR metrics
  - Developing and maintaining a complete operational risk management and measurement framework, including the development and roll out of a historical incident management tool and a risk control self assessment (RCSA) methodology, operational VaR measurement, operational risk mitigation practices
- Reporting risk management information and proposing risk mitigation actions to the CEO

- Secretary of the Board Risk Committee, Secretary of the Asset Liability Management Committee
- Member of the Classified Credits Committee, Restructuring Committee, Arrears Management Committee

2006 – 2007 **Freelance Consultant**

- Providing risk management consulting services to top-tier financial institutions in the UK, France, Greece and other countries around the globe

2000 – 2006 **BNP Paribas Bank, Group Risk Management, London, UK**
Senior Quantitative Analyst, subsequently promoted to Manager

- Quantitative research and development of policies and methodologies for the measurement of Group-wide risks, including Value-at-Risk models using Monte Carlo simulation, risk aggregation, risk loss data capturing and analysis, internal control risk assessments, scenario analysis, and key risk indicators capturing and analysis.
- As member of a working group of quantitative analysts from the ten most internationally active banks (including Citigroup, JPMorgan Chase and Deutsche bank) I have contributed to the development of a 'stylised' operational risk model that qualifies as an Advanced Measurement Approach. This model has been presented in New York to the *Basel Committee on Banking Supervision* as an industry benchmark.
- Representing the bank at the Institute of International Finance (IIF).

1998-2000 **Research Collaboration with PricewaterhouseCoopers, London, UK**

- Have successfully completed a two year project on operational risk measurement sponsored by *PricewaterhouseCoopers, Global Risk Management Group, London*

EDUCATION

2005 **Royal Statistical Society, London, UK**
Chartered Statistician (C.Stat.)

1998-2000 **University of Cambridge, Centre for Financial Research, UK**
Ph.D. thesis: Financial Risk Measurement and Extreme Value Theory

1997 - 1998 **University of Cambridge, UK**
M.Phil. in Finance
Result: **Distinction**

- *Dissertation:* **Securitisation of Financial Assets (sponsored by *MONIS Software, UK*)**

1993 - 1996 **University of Warwick, UK**
B.Sc. (Honours) in Mathematics, Operational Research, Statistics, Economics
Result: **First Class**

PUBLICATIONS AND CONFERENCE PRESENTATIONS

Publications

- 'Credit Risk Measurement in Financial Institutions: Going Beyond Regulatory Compliance'. Cyprus Economic Policy Review Journal, Vol. 9, No. 1, 2015
- 'Cyber Crime Risk Management'. The FinTech Times. January 2016 issue, UK.

- ‘Measuring Risk by Extreme Values’. Risk Magazine 13, No.11, Incisive Media, 2000
- Risk Management: Value at Risk and Beyond. Contribution to a book edited by MAH Dempster. Cambridge University Press, 2002

Conference Presentations

- Presented "Credit Risk Measurement: The Pitfalls of Standardised Approach and Two Alternative Data Efficient Models" at the International Risk Management Conference held in Luxembourg in June 2015. Other speakers to this prominent global risk event included the First Managing Director of the European Stability Mechanism, European Commission officials and distinguished academics.
- Presented on risk management topics at several conferences in London, Paris, New York, Athens and Cyprus, organized by Risk magazine and professional associations.

MISCELLANEOUS

Professional & Academic Affiliations

- Fellow of Royal Statistical Society (UK)
- Honorary fellow of the Cambridge Commonwealth Society
- University of Cyprus Special Scientist in the field of financial risk management. Teaching Financial Risk Management to M.Sc. Finance and Executive MBA programme

Scholarship Awards

- Awarded a full Scholarship for my Ph.D. by the University of Cambridge and Cambridge System Associates Ltd, and part-cost bursary for my M.Phil. by Cambridge Commonwealth Trust.