Job Role: Climate Risk Consultant

Availability: Immediate is preferred

Job Location: Bangalore/Mumbai

Job Purpose: -

Require 4+ years experienced candidates to enhance, manage and implement firmwide models relating to credit or operational risk for Bank’s portfolios. Review and create various risk model which measures impact of climate risk or climate change. If candidate has worked on catastrophic risk on bank’s credit risk or operational risk may also apply. Candidate is expected to build financial models and recommend remedial actions.

Key responsibilities include -

* Support the ongoing initiatives on the team's physical and transition risk analytical frameworks. Candidate should contribute towards scenario analysis, credit risk impacts (such as PD, LGD etc.) from climate risk and surrounding governance policies including views on evolving market, policy, technology and weather trends/patterns
* To quantify impact of climate risk events on bank’s balance sheet and provisions on a 20-30-year horizon based on TCFD recommendation.
* To calculate the loss impacts of transition and physical risk events by calculating the PD, LGD and EAD forecasts adjusted for climate risk
* To identify key risk indicators, risk identification, risk appetite, tolerance and governance pertaining to climate risk
* Develop, maintain, and review Risk Policies, Standards and Procedures, monitoring implementation and on-going compliance pertaining to climate risk or catastrophic risk on bank’s credit risk or operational risk
* To quantify financial impact of climate risks after considering the risk drivers and their potential impact on bank’s book; robustness of model assumptions and testing the performance of model output
* To produce probabilistic estimates of losses to companies due to various perils including earthquake, windstorm, etc.
* Help build, maintain and analyse climate risk assessment models and user tools
* Research corporate climate transition strategies and how they can be applied to various sectors
* Extract and analyse data from relevant climate and financial sources, forming conclusions on key trends and patterns
* To hold expertise in climate risk regulatory guidance such as Paris Accord, TCFD recommendations etc., advising business partners and other functional groups, on emerging and key risk trends, risk events and issues
* Support the design, planning, coordination and production of relevant model sensitivity analyses for different territories (world-wide coverage)
* Understand basic framework of regulatory Models and use it while creating reports and during discussions with stakeholders.
* Perform research on a range of climate related topics that affect the bank’s activities

Desired skills -

* 4+ years of quantitative modelling experience, including the minimum of 1+ year in climate change/sustainability/catastrophic risk/operational risk
* University degree in a relevant field (e.g. environmental studies, sustainability, economics, finance); a quantitative academic background is also acceptable
* Ability to convey information clearly, accurately and succinctly (both written and verbally)
* Excellent analytical skills: proficient in Excel modelling and comfortable working large datasets
* Ability to draft high-impact presentations and documentation

**Software/Tools:** Statistical tools namely SAS, Python, R for 2+ years

* Others:
  + Strong knowledge of statistics
  + Strong written and verbal communication skills
  + Knowledge of relevant regulatory guidelines for CCAR, IFRS9 and IRRBB.
  + Knowledge of SQL