

# Environmental Finance

## Course Overview

The emerging field of environmental finance involves the art and science of using financial market mechanisms to address environmental issues including weather risks. Market-based mechanisms that create a platform for trading emissions and weather derivatives are becoming widely accepted as cost-effective methods for achieving desired environmental outcome and for absorption of weather risk. Environmental/weather markets have proven not only to be drivers of capital markets growth, jobs, and innovation but also powerful agents of environmental transformation and weather risk management. Knowledge of environmental/weather risks, compliance obligations and business opportunities from these new asset classes are essential for businesses to stay competitive.

Western countries have witnessed phenomenal expansion of environmental/weather risk markets in the recent past. The need for creating and expanding such markets in India is long overdue. Promoting education and research in the field of Environmental Finance is an immediate imperative. This course is designed to provide an opportunity to young graduates, doctoral students and professionals to gain knowledge about the functioning of environmental/weather markets and their utility.

The purpose of the course is to introduce the participants to fundamental concepts and benefits underlying environmental/weather markets. Students will be exposed to basics of securitisation, financial product design, market development, hedging and investment and their implication from viewpoint of a wide range of stakeholders including corporates, financial/insurance institutions, farming cooperatives, and governments.

### Modules

- Introduction to Environmental & Weather Derivatives Markets
- Emissions Markets Architecture
- Introduction to Carbon Offsets
- Markets for Renewable Energy
- Securitisation of Rainfall Risk

### Participant Profile

The course is aimed at students and industry professionals who are active in areas that interface economics, finance, environment and sustainable development. Specifically, in addition to students, the course may be helpful to the following professionals.

- Energy entrepreneurs
- Managers of Energy Projects
- Energy Portfolio managers and financial analysts
- Investors in Renewable energy projects
- Environmental & sustainability professionals

### Registration

#### Fees

- |  |                 |
|--|-----------------|
| 1) Participants from Abroad              | = \$50 each     |
| 2) Participants from industry            | = Rs. 5000 each |
| 3) Participants from Academic intuitions |                 |
| a) Faculty                               | = Rs. 1500 each |
| b) Doctoral Students                     | = Rs. 1000 each |
| c) Students                              | = Rs. 500 each  |

Number of participants of the course will be limited to 50(fifty) only.

**Course Duration and  
Time Schedule**

One Week (equivalent to one credit)  
26<sup>th</sup> to 31<sup>st</sup> December 2016.

**Venue**

Commerce Auditorium, Department of Studies in Commerce,  
University of Mysore, Manasagangotri, Mysuru, Karnataka,  
India -570 006

**The Faculty Profile:**

Foreign Faculty -

**Dr.Murali Kanakasabai**



**Dr. Murali Kanakasabai's** career has focused on designing market-based risk management and financial instruments for capital, commodity and environmental markets. He has over a decade experience working on climate change issues and helping build and launch several environmental markets. Currently, Dr. Kanakasabai serves as Managing Director with Environmental Financial Products LLC (EFP), a pioneer in creating environmental markets. Additionally, Dr. Kanakasabai is Adjunct Professor for Environmental Finance at the Stuart School of Business, Illinois Institute of Technology. He has authored three books on topics related to climate change and environmental finance markets.

Host Faculty-

**Dr.G.Kotreshwar**



Kotreshwar is currently working as Professor in the Department of Studies in Commerce, University of Mysore, Mysuru, apart from anchoring a research programme , sponsored by University Grants Commission(UGC), in the thrust area of Agri-Risk Management. His teaching and research experience spans 35 years with a focus on risk management and derivatives.

**Course Co-ordinator**

Dr.G.Kotreshwar

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