MACROECONOMIC MODELLING FOR SUSTAINABLE DEVELOPMENT PLANNING

CALL FOR APPLICATIONS & NOMINATIONS

Announcement in Brief

Course Type: Short Term Course
Programme Area: Macroeconomic Modelling
Date: 1 – 5 April 2019
Duration: 1 Week
Language: Bilingual (English & French)
Location: Dakar, Senegal
Fee: $2,000 (Excluding air travel and subsistence costs)
Scholarships: Yes (IDEP offers a limited number of partial and full scholarships)

Application Deadline: 15 February, 2019

1 IDEP strongly encourages and supports the participation of suitably qualified female officials in its capacity development and training programme.
INTRODUCTION

The rebirth of development planning in Africa means that policymakers now need to adopt a holistic approach when designing social and economic policies. This is also valid for the implementation of agenda 2030 as there are interlinkages between the targets of Sustainable Development Goals (SDGs). In this framework, macroeconomic modeling is an important tool for decision making as it aims to represent the linkages between different macroeconomic variables in order to answer crucial questions relating, for instance, to the impact of particular policy measures or economic shocks on growth. Furthermore, macroeconomic modeling can be helpful to simulate shocks on the achievement of SDGs. Apprehending the methods and tools of macroeconomic modeling is thus essential for African policymakers and economists for sustainable development.

Economic models broadly speaking vary in terms of their theoretical foundations and/or objectives. They are characterized by:

(i) the way they describe macroeconomic equilibrium in each market and
(ii) the way they describe economic behaviors (investment, consumption etc.).

More precisely, models offer a simplified vision of the functioning of an economy via a quantitative analysis and they aim to predict the evolution of macroeconomic variables.

It is therefore important that policymakers understand recent developments in the area of macroeconomic modeling and their implications for the construction of economic models which can efficiently address key policy issues in the specific context of the implementation of agenda 2030.

OBJECTIVE OF THE COURSE

The goal is to enable participants learn about how economic models are built and to use models to enquire and answer questions regarding how shocks affect the economy. This course aims to develop participants understanding and use of different models in the analysis of national economies and its sectors. Topics will typically include development of models and the interpretation of results. The emphasis throughout is on familiarizing participants with the practical application of multi-sectoral modelling techniques to address important issues in development economics and policy analysis in the framework of the implementation of Agenda 2030.

TARGET PARTICIPANTS

1. Middle and senior level policy officials and managers directly connected with macroeconomic policy issues, designing models for planning, monitoring and evaluating macroeconomic policies in their countries;
2. Officials of national statistical agencies with a professional interest and involvement in macroeconomic modelling

SKILLS TO BE IMPARTED

➢ A comprehensive understanding of the different types of models and instruments used in the analysis of national economies and its sectors.
➢ Practical skills of how to design macroeconomic models for development planning
Knowledge of how to use macroeconomic models to produce forecasts and to evaluate the development impact of alternative economic policies

CONTENT

The course will focus on the following: (i) Steps in Building and Formulating Macroeconomic Models; (ii) Analyzing Macroeconomic Models; and (iii) Interpretation of Results and Case Studies related to SDGs.

PEDAGOGICAL APPROACH

The pedagogical approach will combine lectures, roundtables, and simulation exercises. It will emphasise practical applications through the use of case studies and group discussions. Group work will also be employed for peer learning and to impart knowledge and skills. Participants admitted into the training programme should be prepared to present short technical reports on specific themes covered in the course.

MODE OF DELIVERY

- **Language**: The course will be delivered in English and French (simultaneous interpretation services will be available)
- **Duration**: One (1) week.
- **Resource persons**: The course will be delivered by a group of experts/trainers invited by IDEP to lead the programme. These resource persons are economists and top-level professionals with a first-hand knowledge and experience of macroeconomic modelling.
- **Number of participants**: A total number of twenty five (25) participants are admitted into each IDEP short course.

COURSE TUITION & SCHOLARSHIPS

The cost of this course is USD 2,000, this fee excludes air travel and subsistence costs. IDEP offers a limited number of partial and full scholarships to those admitted to participate in its short training courses. Consequently, self-sponsored candidates are given priority for admission.

IMPORTANT DATES

- Deadline for Applications and Nominations: **Friday, 15 February 2019**
- Course Period: **1 – 5 April 2019**
CONTACT INFORMATION

Training Division
Tel: +221 33 829 55 00
Fax: +221 33 822 29 64
Email: training@unidep.org

- IDEP strongly encourages and supports the participation of suitably qualified female officials in its capacity development and training programme.
- Kindly note that only selected participants will be contacted