

MASTER FILES

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SECRETARY'S CIRCULAR NO. 85/45

To: Members of the Executive Board

From: The Secretary

Subject: IMF Institute - Report on the Course on Techniques of
Economic Analysis (1985-II)

Attached for the information of the Executive Directors is a report on the course on techniques of economic analysis conducted in English by the IMF Institute from January 14 through March 8, 1985.

Att: (1)

Other Distribution:
Department Heads



INTERNATIONAL MONETARY FUND

IMF INSTITUTE

Report on the Course on Techniques of Economic Analysis (1985-II)

January 14 - March 8, 1985

Introduction

The course on Techniques of Economic Analysis, conducted in English, was presented over an eight-week period. This course provided an intensive review of analytical concepts and techniques for officials with limited formal training in macroeconomics. Emphasis was placed on the needs of officials involved in the compilation of basic data and the preparation and evaluation of reports on current economic problems.

Selection of participants

The Admissions Committee selected 32 participants from the following countries: Bhutan, Burma, China, Egypt, Ethiopia, Greece, Hungary, India, Indonesia, Iraq, Israel, Jamaica, Japan, Jordan, Lebanon, Malaysia, Maldives, Mauritius, Pakistan, Papua New Guinea, Philippines, Romania, Singapore, Somalia, Sri Lanka, Sudan, Swaziland, Tanzania, Turkey, Western Samoa, Yemen Arab Republic and Zimbabwe (see Attachment I).

Organization of the course

Attachment II lists the topics presented during the course.

The course was divided into three sections: (a) a presentation of the principal macroeconomic accounts; (b) an exposition of macroeconomic analysis; and (c) a description of the Fund's policies and procedures.

The review of macroeconomic accounts covered the national income and product accounts, the monetary survey, government finance statistics, balance of payments statistics and their interrelations. The discussion of macroeconomic analysis encompassed the determinants of the principal macroeconomic aggregates, and concepts of measurement and quantitative methods such as index numbers, the effective exchange rate and regression analysis. These analytical methods were illustrated by the use of case studies on economic developments in member countries. The sessions on the Fund's policies and procedures served to acquaint the participants with the Fund's evolving role in the world economy.

During the course, participant discussion was encouraged and practical work emphasized. All of the plenary sessions on macroeconomic accounts and analysis were complemented by applied workshops. Participants were assigned to one of three working groups, each led by an Institute staff member. These small groups served as a forum for the

review of issues arising in the lectures, and for the preparation and presentation of workshops. Towards the end of the course, participants were asked to review economic developments in two Fund member countries and to present their analysis in plenary sessions.

During the course 74 sessions were held. These included lectures, workshops, counseling and working group sessions, and a video presentation on the 1984 Fund-Bank Annual Meetings. The sessions were conducted by the staff of the IMF Institute. For most topics, background materials were distributed to the participants several days in advance of the session. The summaries and workshops listed in Attachment III were supplemented, where necessary, by selected published material and other Fund documents.

Social activities

A reception was given at the Fund on January 17 to welcome the participants, and to introduce them to management, members of the Executive Board, and the staff.

Participants were entertained at luncheons hosted by their Executive Directors, and by the area departments responsible for their countries. In addition, the Institute organized a number of weekend outings, including a visit to New York, and several social gatherings at the Concordia.

Certificates of attendance were presented to the participants at a farewell luncheon attended by the Deputy Managing Director on March 8.

IMF Institute
April 1985

List of ParticipantsCourse on Techniques of Economic Analysis in English (1985-II)

NAME	COUNTRY	POSITION AND AFFILIATION
1. AL-KOHALI, Abdel Latif Mohamed	Yemen Arab Republic	Deputy Chief, Loan Section Foreign Relations Department Central Bank of Yemen
2. AL-NAKEEB, Nihad Kathim (Mrs.)	Iraq	Economist, Research Department Central Bank of Iraq
3. AMON, Zsolt	Hungary	Division Head Economic Department National Planning Office
4. BDAIWI, Jalil Farid Tarif	Jordan	Head, Fiscal Division Department of Research and Studies Central Bank of Jordan
5. CHAN TSUN HING, Chan Quet Sen	Mauritius	Senior Finance Officer Capital Budget Section Ministry of Finance
6. CHURNSIDE, Vincent Alexander	Jamaica	Senior Economist Debt Management Unit Monetary and Foreign Exchange Policy Department Bank of Jamaica
7. DENG, Haibin	China	Assistant Economist IMF Division Foreign Department People's Bank of China
8. EL-SHIBINI, Fawzia El-Sayed (Mrs.)	Egypt	Section Chief Economic Research Department Central Bank of Egypt
9. GONZALEZ, Celia Manalastas (Mrs.)	Philippines	Acting Economist A Economic and Quantitative Group Department of Economic Research-Domestic Central Bank of the Philippines

NAME	COUNTRY	POSITION AND AFFILIATION
10. GUNATILAKA, Laksmi Kumari (Mrs.)	Sri Lanka	Economist, Money and Banking Division Department of Economic Research Central Bank of Ceylon
11. Abdurahmaan Mohamoud HERSI	Somalia	Assistant, Monetary Survey Research Department Central Bank of Somalia
12. HILMY, Arif	Maldives	Statistics Officer Research and International Organizations Division Maldives Monetary Authority
13. IKEDA, Atsuhiko	Japan	Chief, Research Section Research and Planning Division Minister's Secretariat Ministry of Finance
14. IONESCU, Apostol	Romania	Senior Economist Foreign Trade Department Ministry of Finance
15. JUBAL, Izzeldin Abdalla Adam	Sudan	Deputy Manager Internal Audit Department Bank of Sudan
16. KAMER, Eli	Israel	Team Supervisor for Defense Budget Ministry of Finance
17. KARIM, Abubakar	Indonesia	Assistant Manager Economic Analysis Section Economic and Statistics Department Bank of Indonesia
18. KAZMI, Khalid Khawar	Pakistan	Assistant Chief Money and Banking Division Credit Planning Section Research Department State Bank of Pakistan

NAME	COUNTRY	POSITION AND AFFILIATION
19. KRAYA, Helen (Miss)	Greece	Chief of Section International Economic and Financial Organizations Division Ministry of National Economy
20. KUMALO, Vulindlela Sibambam	Zimbabwe	Under Secretary Domestic and International Finance Ministry of Finance, Economic Planning and Development
21. LEILUA, Pisaina Ieli (Miss)	Western Samoa	Finance Officer (Foreign) Finance Division Treasury Department Ministry of Finance
22. MAJUMDAR, M. L.	India	Joint Secretary and Financial Adviser Department of Expenditure Ministry of Finance
23. MAPHALALA, Noreen (Mrs.)	Swaziland	Senior Assistant Secretary Ministry of Finance
24. MOUZANNAR, Nada (Miss)	Lebanon	Economist Department of Statistics and Economic Studies Bank of Lebanon
25. NAZURA, Bt. Md. Noor (Mrs.)	Malaysia	Economist Balance of Payments Section Economics Department Bank Negara Malaysia
26. PALASO, Betty (Miss)	Papua New Guinea	Investigations Officer General Economic Policy Branch Department of Finance
27. SHARMA, Bhakti P.	Bhutan	Assistant Research Officer Research and Statistics Division Royal Monetary Authority of Bhutan

NAME	COUNTRY	POSITION AND AFFILIATION
28. SHITINDI, Halonga M. N.	Tanzania	Senior Economist Monetary and Fiscal Affairs Unit Ministry of Finance
29. THAN, U	Burma	Assistant Director Processing and Manufacturing Sector Planning Department Ministry of Planning and Finance
30. TIKTIK, Ahmet	Turkey	Assistant Expert Long Term Planning Division Economic Planning Department State Planning Organization
31. YIRGU, Alemayehu	Ethiopia	Head, International Economic Studies Division Research and Planning Services Ministry of Finance
32. YONG, Wai Yong (Mrs.)	Singapore	Senior Statistician Balance of Payments Section Department of Statistics Ministry of Trade and Industry

List of Topics

Course on Techniques of Economic Analysis (1985-II)

I. Macroeconomic Accounts

1. National Income and Product Accounts (lecture and workshop)
2. Monetary Survey (lecture and workshop)
3. Government Finance Statistics (lecture and workshop)
4. Balance of Payments Statistics (lecture and workshop)
5. Interrelations Among Macroeconomic Accounts (lecture and workshop)

II. Macroeconomic Analysis

A. Behavior of Principal Macroeconomic Aggregates

1. Output and Expenditure (2 lectures and 1 workshop)
2. Prices (lecture and workshop)
3. Money, Credit and Interest Rates (2 lectures and 1 workshop)
4. The Budget and Government Financing (2 lectures and 1 workshop)
5. Trade, Capital Flows and Exchange Rate (2 lectures and 1 workshop)
6. External Debt (lecture and workshop)

B. Concepts of Measurement and Quantitative Methods

1. Ratios, Marginal Propensities and Elasticities (lecture and workshop)
2. Macroeconomic Models
 - a. Income-Expenditure Models (lecture and workshop)
 - b. Monetary Models (lecture and workshop)
3. Index Numbers (lecture and workshop)
4. Regression Analysis
 - a. The Least-Squares Method (2 lectures and 1 workshop)
 - b. Interpreting Regression Results (lecture and workshop)
5. Terms of Trade and Effective Exchange Rate (lecture and workshop)

C. Analysis of Economic Developments (5 workshops and 2 participants' presentations)

III. Fund's Policies and Procedures

1. Organizational Aspects of the Fund
2. The Fund's Code of Conduct
3. Origins and Uses of Fund Resources
4. International Liquidity and Special Drawing Rights
5. The 1984 Fund-Bank Annual Meetings
6. Recent Evolution of the International Monetary Fund

List of Documents

Course on Techniques of Economic Analysis in English (1985-II)

Summaries

Section I

INST/85-II/I-1	National Income and Product Accounts
INST/85-II/I-2	Monetary Survey
INST/85-II/I-3	Government Finance Statistics
INST/85-II/I-4	Balance of Payments Statistics
INST/85-II/I-5	Interrelations Among Macroeconomic Accounts

Section II

INST/85-II/II-A-1	Output and Expenditure
INST/85-II/II-A-1W	Workshop on Output and Expenditure
INST/85-II/II-A-2	Determinants of Prices and Inflation
INST/85-II/II-A-2W	Workshop on Prices
INST/85-II/II-A-3	Money, Credit and Interest Rates
INST/85-II/II-A-3W	Workshop on Money, Credit and Interest Rates
INST/85-II/II-A-4	The Budget and Government Financing
INST/85-II/II-A-4W	Workshop on The Budget and Government Financing
INST/85-II/II-A-5	Trade, Capital Flows and Exchange Rate
INST/85-II/II-A-5W	Workshop on Trade, Capital Flows and Exchange Rate
INST/85-II/II-A-6	External Debt
INST/85-II/II-A-6W	Workshop on External Debt
INST/85-II/II-B-1	Ratios, Marginal Propensities and Elasticities
INST/85-II/II-B-2(a)	Income-Expenditure Models
INST/85-II/II-B-2(b)	Monetary Models
INST/85-II/II-B-3	Index Numbers
INST/85-II/II-B-4(a)	The Least-Squares Method
INST/85-II/II-B-4(a)W	Workshop on The Least-Squares Method
INST/85-II/II-B-4(b)	Interpreting Regression Results
INST/85-II/II-B-4(b)W	Workshop on Interpreting Regression Results
INST/85-II/II-B-5	Terms of Trade and Effective Exchange Rate
INST/85-II/II-CW	Workshop on Analysis of Economic Developments (Outline)

Section III

INST/85-II/III-1	Organizational Aspects of the Fund
INST/85-II/III-2	The Fund's Code of Conduct
INST/85-II/III-3	Origins and Uses of Fund Resources (Outline)
Supplement	Financial Facilities of the Fund
INST/85-II/III-4	Special Drawing Rights
INST/85-II/III-6	Recent Evolution of the International Monetary Fund

Fund Publications

- International Monetary Fund, Annual Report 1984.
_____, Articles of Agreement.
_____, Balance of Payments Manual, Fourth Edition, June 1977.
_____, Draft Manual on Government Finance Statistics, June 1974.
_____, Finance and Development, December 1984 and March 1985.
_____, IMF Survey, "Supplement on the Fund," September 1984,
"Annual Meetings 1984," October 15, 1984, and issues from
January 7 through February 18, 1985.
_____, International Financial Statistics, January 1985.
_____, Selected Decisions of the IMF and Selected Documents
(10th Edition), April 1983 and Supplement, March 1984.
_____, World Economic Outlook, Occasional Paper No. 27,
April 1984.
_____, World Economic Outlook, Revised Projections, Occasional
Paper No. 32, September 1984.

Other Fund Documents

a. Pamphlet Series

- Chandavarkar, Anand G., The International Monetary Fund: Its Financial
Organization and Activities, Pamphlet No. 42, 1984.
- Hooke, Augustus W., The International Monetary Fund: Its Evolution,
Organization, and Activities, Fourth Edition, Pamphlet No. 37, 1984.
- Høst-Madsen, Poul, Macroeconomic Accounts: An Overview, Pamphlet
No. 29, 1979.

b. Staff Memorandum

- SM/84/79 "Kenya - Recent Economic Developments," April 11, 1984.
- SM/84/136 "Arab Republic of Egypt - Recent Economic Developments,"
June 15, 1984.

Books

- Gillis, Malcom, Dwight H. Perkins, Michael Roemer and Donald R.
Snodgrass, Economics of Development (W. W. Norton and Company, New
York, 1983).
- Goode, Richard, Government Finance in Developing Countries (The Brookings
Institution, Washington, D.C., 1984).
- Gordon, Robert J., Macroeconomics, Third Edition (Little, Brown and Co.,
Boston, 1983).
- Lindert, P. H. and Charles P. Kindleberger, International Economics,
Seventh Edition (Richard D. Irwin, Homewood, Illinois, 1982).

Mayer, Thomas, James S. Duesenberry, and Robert Z. Aliber, Money, Banking and the Economy, Second Edition (W. W. Norton and Company, New York, 1984).

Wonnacott, Thomas H. and Ronald J. Wonnacott, Introductory Statistics for Business and Economics, Third Edition (John Wiley and Sons, New York, 1984).

