

# CURRICULUM VITAE Dr. Enrique Cosío-Pascal

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## Knowledge of Languages:

Mother Tongues: Spanish and French

Working Languages: English
Good Knowledge: Portuguese
Basic Knowledge: Russian

## Areas of Specialisation:

- Institutional development of public sector debt management, including establishing and strengthening debt offices and the integration of debt management in large Integrated Public Financial Management Systems (Budget, Treasury, Cash Flow and Accounting);
- Capacity building in various areas of debt statistics and management (Strong course design, training and public speaking skills in workshops and seminars);
- Debt management policy aspects including debt portfolio analysis, loan restructuring negotiations and borrowing strategies;
- Debt sustainability analysis;
- Paris and London Club debt renegotiations;
- Contingent liabilities and risk management;
- Public debt management (external and domestic);
- Aid management;
- Debt systems development, (Technical leadership of a multidisciplinary team, user specifications, supervision of systems design, quality assurance, and application in client sites: creator of the UNCTAD Debt Management and Financial Analysis System);
- Debt statistics, implementation of data standards (GDDS and SDDS) and debt statistical bulletins.

## Education:

#### Mexico D.F.:

- Facultad de Ciencias, Universidad Nacional Autónoma de México.

  BSc Applied Mathematics, Actuary: Licenciado en Actuaría. 1961-1965
- Centro de Estudios Económicos y Demográficos, El Colegio de México.

  MA Economics: Maestría en Economía. 1966-1967

## Paris:

- Ecole Nationale de la Statistique et de l'Administration Economique (ENSAE). Statisticien-Economiste: Ingénieur Statisticien Economiste. 1967-1970
- Université de Paris VI.

  MSc in Statistics: Diplôme d'Etudes Approfondies ès Statistique Mathématique.

  1971-1972
- Université de Paris I.
  - MA in Economics: Diplôme d'Etudes Supérieures ès Sciences Economiques. 1971-1972
- Université de Paris I/Ecole Pratique de Hautes Etudes.

  PhD in Economics (Econometrics), (Directeur de Thèse M.Edmond Malinvaud):

  Doctorat ès Sciences Economiques, Spécialité Econométrie. 1973-1975.

# Professional Experience:

2001 to date:

Senior Consultant on Debt Management and Public Finance:

- <u>UNCTAD DMFAS Programme</u>: Senior resource person for the Data Validation Workshop of the External Debt of Sudan held at the Central Bank of Sudan in Khartoum. Geneva, Switzerland, and Khartoum, Sudan, 21 April to 7 May 2008.
- OIS Partners Consulting Firm: Workshop on "Risk Management" for staffs of the Ministry of Finance and the Central Bank of Moldova, financed by SIDA. Chisinau, Moldova, 11 to 26 February 2008.
- World Bank-Banco de Moçambique: Assessment of the current external loans authorisation requirements, accordingly to the regulation of exchange control; to develop and start-up a statistic system for External Private Debt. Draft specification of what should be a External Private Debt Management module to be developed and implemented by the IT Department of Banco de Moçambique. Maputo, Mozambique, October, November and December 2007, and January 2008.
- <u>IMF</u>: Resource person for a training course organised by the International Monetary Fund on External Debt Statistics for collection, classifying and reporting data. Washington, 10-28 September 2007.
- Asian Development Bank: Review all institutional matters and technical co-ordination for interfacing the UNCTAD/DMFAS with the Integrated Financial Management Information System for the Kingdom of Cambodia.

  July, August and October 2007
- Macroeconomic Financial Management Institute of Eastern and Southern Africa (MEFMI) and the Ministry of Finance of Tanzania: organisation and delivery of a set of lectures for staffs of the Ministry of Finance and the Bank of Tanzania on Back Office skills in, Tanzania, Dar es Salaam, May 2007.
- Inter-American Development Bank: Coordinating the network of back offices of a group of countries pertaining to the IADB constituency, in Latin America and the Caribbean. February-June 2007.
- African Development Bank: Course on Sovereign Debt Management for the AfDB's staffs. Tunis, Tunisia, 11-13 December 2006.
- Inter-American Development Bank: Organising a group of producers of debt statistics of countries pertaining to the IADB constituency, in order to coordinate the consistency of debt statistics and create a network of back offices in Latin America and the Caribbean. June-November 2006
- Inter-American Development Bank: Producing a set of Templates for the LAC DEBT GROUP, in order for the member countries of this group to report their public debt in a comprehensive, homogeneous and regular basis. The information is to be posted at the LAC DEBT GROUP Web Site, which is administrated by the IADB. The Templates were presented at the LAC DEBT GROUP technical meeting in Cartagena de Indias, Colombia, on 19-21 April 2006. February-May 2006.
- Asian Development Bank: Review and assess regulatory and institutional framework for public sector borrowing and prepare institutional and regulatory framework of the Public Debt Coordinating Council and the Debt Policy Management Centre for Public Debt Management in Cambodia. Phnom Penh, December 2005-January 2006.
- <u>UNCTAD Finance and Development Branch</u>: To introduce equations for debt substitutability between domestic and external debt for the Debt Sustainability Analysis project of the Branch. **November 2005**.
- Inter-American Development Bank: To build a strategy for developing a regional public debt information system that will consolidate information on debt structure and bond markets for the Latin American and Caribbean Debt Group (Latin American and Caribbean Public Debt Management

- Specialists) of IADB, similar to the AsianBondsOnline, developed under the ASEAN+3 initiative and maintained by the Asian Development Bank. August-October 2005.
- World Bank-IADB: Specialist in debt management and contingent liabilities issues in the team for the Country Financial Accountability Assessment (CAFF), with special emphasis on utilisation of loans proceedings, debt service, and contingent liabilities in connexion with budget execution. Panama, September 2005; Jamaica, February 2005.
- Asian Development Bank: Review and assess regulatory and institutional framework for public sector borrowing and prepare institutional and regulatory framework of the Public Debt Coordinating Council and the Debt Policy Management Centre for Public Debt Management in Nepal. Kathmandu, December 2004-January 2005.
- <u>Columbia University and UNDP</u>: Member of the Sovereign Debt Task Force of the Initiative for Policy Dialogue, lead by Joseph Stiglitz and José Antonio Ocampo, for Strategic Issues in Managing Sovereign Debt for Sustained Development for the Multi-Stakeholder Dialogue on Debt. New York, September-November 2004.
- <u>UNCTAD DMFAS Programme</u>: drafter of the new version of the document <u>Effective Public Debt Management</u>, to be published by the DMFAS Programme in spring 2005. **June-August 2004**.
- UNCTAD DMFAS Programme and Macroeconomic and Financial Management Institute of Eastern and Southern Africa (MEFMI): carrying out a debt sustainability analysis for Zimbabwe, in coordination with the Ministry of Finance of Zimbabwe and the Reserve Bank of Zimbabwe. Zimbabwe, May 2004.
- Macroeconomic Financial Management Institute of Eastern and Southern Africa (MEFMI) and the World Bank: assistance to Zambia from the World Bank and MEFMI in the area of government debt management and debt market development. The aim of the mission was to undertake a diagnostic of the current state of public debt management and domestic government debt markets in Zambia. Lusaka, April 2004.
- World Bank-IADB: Specialist in debt management and contingent liabilities issues in the team for the Country Financial Accountability Assessment (CFAA), with special emphasis on utilisation of loans proceedings, debt service, and contingent liabilities in connexion with budget execution. El Salvador, January 2004; Dominican Republic, February 2004; and Bolivia, March 2004.
- <u>IDI</u>: Resource person for the training for trainers' session on public debt audit organised by the INTOSAI Development Initiative (IDI), the training arm of the International Organisation of Superior Audit Institutions (INTOSAI). Mexico, May 2003.
- World Bank-IADB: Specialist in debt management and contingent liabilities issues in the team for the Country Financial Accountability Assessment (CFAA), with special emphasis on utilisation of loans proceedings, debt service, and contingent liabilities in connexion with budget execution. Honduras, February-March 2003, and Nicaragua, November 2002.
- <u>MEFMI</u>: Resource person at the Workshop for the Ministries of Finance and Governors of Central Banks of the Macroeconomic and Financial Training Institute of Eastern and Southern African Countries (MEFMI) on Computerisation of Ministries of Finance, in particular on Integrated Financial Management Systems and Debt Management. London, U.K., September 2002 and Harare, Zimbabwe, October 2002.
- Keppeler & Associés, Swiss Private Lawyers Consulting Firm.: Advisory services for a Private Law Firm on purchases in the secondary market for developing and emerging economies debt paper. February-July 2002.
- <u>IMF</u>: Resource person for a training course organised by the International Monetary Fund for the Middle-East Arab speaking countries in Bahrain, on the New Guide on External debt statistical procedures for collection and classifying data. Bahrain, February 2002.

• <u>Pôle Dette</u>: Elaboration of a training curriculum on Legal Aspects of Public Debt for the French Speaking countries of West and Central Africa. The curriculum covers legal issues for loans negotiation as well as domestic legal aspects to improve the institutional framework for effective debt management. Pôle Dette is a capacity building initiative undertaken by the two French speaking Africa central Banks: BCEAO and BEAC. Cameroon, Congo, Côte d'Ivoire and Senegal October-December 2001.

#### Senior Special Fellow, United Nations Institute for Training and Research (UNITAR):

- Advisory on legal issues of debt management and proposal for training curricula for Sub-Saharan countries. **January -July 2002**.
- Author and Course Director of the on-line course on "Rescheduling with the Paris Club", 3 October-11 November 2005 and 13 September-17 October 2007.
- Course Director of the on-line course on "Fundamentals of Risk Management",
   12 May-6 June 2008.

#### 1979-2001:

#### United Nations Conference on Trade and Development.

- Chief of the Debt and Development Finance Branch, a branch composed by 24
  professionals and 4 general service staff members, since May 2000. The
  DMFAS Programme and the Finance for Development Section compose the branch.
- Member of the IMF-lead International Financial Statistics Task Force on the drafting of the new version of the External Debt Statistics: Guide for Compilers and Users. The Task Force was composed by the Bank for International Settlements, the Commonwealth Secretariat, the European Central Bank, Eurostat, the International Monetary Fund, the Organisation for Economic Co-operation and Development, the Paris Club Secretariat, the United Nations on Trade and Development and the world Bank. 1998-2001.
- Member of the World Bank's Steering Group on the Debt Strategy Model. The members are the World Bank, the Commonwealth Secretariat and UNCTAD.
- Member of the Steering Group of the European Government-funded Debt Relief International for Capacity Building to HIPC Countries. The governments funding the initiative are Austria, Denmark, Sweden, Switzerland and the United Kingdom.
- Head of the DMFAS (Debt Management and Financial Analysis System) Programme with a team composed by 16 professionals and 4 general services staff members, since 1988.
- Substantive backstopping for more than 50 technical co-operation projects to assist governments to organise the debt office and to put in place computerised systems for management and control of public debt, since 1981.
- Leadership in the development of the UNCTAD computerised Debt Management and Financial Analysis System (DMFAS), in four languages (English, French, Spanish and Russian), since 1981.
- Substantive backstopping to developing countries on external debt negotiations with Paris Club and Private Banks.
- Representing the secretary-general of UNCTAD in more than 50 Paris Club meetings.
- Representing the secretary-general of UNCTAD to the Consenso de Cartagena (Latin-American co-ordination body for debtor countries) meetings.
- Econometric forecasting and country model building with special emphasis on financial flows.
- Preparing reports, technical co-operation project documents user's manuals and methodological framework papers in the area of external indebtedness for various UNCTAD and external publications.

#### 1976-1978 and 1986:

<u>Ministry of Finance, Mexico</u> (Secretaría de Hacienda y Crédito Público): General Directoriate of International Financial Affairs (Dirección General de Asuntos Hacendarios Internacionales): **Special Adviser on Economic and Financial Affairs in Europe.** 

- Delegate of Mexico to the UNCTAD Intergovernmental Ad Hoc Group of Experts on the External Indebtedness of Developing Countries (1976-1978).
- Delegate of Mexico to the ECOSOC (1977 and 1978 Summer Sessions).
- Regular reports to the Ministry on country economic reports and analysis of financial and monetary markets.
- Backstopping senior Ministry's officials when on mission in Europe.
- Member of the negotiation team of the 1986 rescheduling negotiations of the Mexican external debt in New York with the Private Banks, and in Paris with the Paris Club.

#### 1971-1978:

## <u>Université de Paris V René Descartes and Université de Paris X Nanterre</u>: Assistant associé de Mathématiques et Statistiques

 Lectures on statistics and mathematics for students in economics and social sciences.

#### 1963-1964:

## Insurance Company "La Provincial":

Chief, Training Department (Life Insurance)

• Organising training courses in life insurance and reinsurance for the staff of the company.

#### 1961-1962:

## Insurance Company "La Equitativa":

Actuary (Life Insurance)

• Calculation of life insurance primes and of the company's mathematical reserves.

# Experience as Resource Person:

- <u>African Center for Monetary Studies</u>: Seminar on External Debt Problems of the African Countries, Tunis, Tunisia, **September 1983**.
- Centro de Estudios Monetarios Latinoamericanos: CEMLA Reunión de Técnicos de Bancos Centrales Iberoamericanos, Santo Domingo, Dominican Republic, November 1983.
- <u>Centro de Estudios Monetarios Latinoamericanos</u>: CEMLA Reunión de Técnicos de Bancos Centrales Iberoamericanos, Montevideo, Uruguay, **June 1984**.
- <u>Junta del Acuerdo de Cartagena</u>: JUNAC, Seminario sobre la Deuda Externa en el Grupo Andino, Lima, Peru, **July 1984.**
- The World Bank: Debt Systems Conference, Paris, France, May 1985.
- International Development Law Institute: Seminar on International Loan Contracts Negotiations, Rome, Italy, February 1986.
- Non-Aligned Countries: First Consultative Meeting on Foreign Debt of the Non-Aligned and Developing Countries, Lima, Peru, November 1986.
- The World Bank: Debt Management Seminar, Washington, U.S.A., May 1988.
- <u>Institut International d'Administration Publique</u>: Cours de Formation pour les Administrateurs de Pays en Voie de Dévéloppement, Paris, France, **November 1988**.
- The World Bank: Debt Systems Conference, Paris, France, April 1989.
- <u>International Development Law Institute</u>: Seminar on International Loan Contracts Negotiations, Bamako, Mali, **May 1990**.
- Southern and Eastern Asian Central Banks Association: SEACEN Course on External Debt Management, Kuala Lumpur, Malaysia, April 1992.
- <u>International Development Law Institute</u>: Seminar on International Loan Contracts Negotiations, Rome, Italy, October 1992.
- Eastern and Southern African Initiative on Extrenal Debt and Assets Management: ESAIRDAM Forum on Information Sharing on Debt Management, Kampala, Uganda, February 1995.
- International Consortium on Governamental Financial Management.: International Financial Management Forum, Washington, U.S.A., May 1995.
- <u>International Consortium on Governamental Financial Management.</u>: International Financial Management Forum, Miami, U.S.A., **May 1996**.
- ESAIRDAM First Annual Conference, Harare, Zimbabwe, November 1996.
- Commonwealth Secretariat: Workshop on Debt Sustainability, London, U.K., June 1997.
- Macroeconomic and Financial Management Institute of Eastern and Southern Africa:
  Debt Sustainability Analysis Workshop, Windhoek, Namibia, June-July 1997.

- Macroeconomic and Financial Management Institute of Eastern and Southern Africa and External Finance for Africa: External Finance and Macroeconomic Policy in Eastern and Southern Africa, Cape Town, South Africa, July 1997.
- The World Bank, Financial Products and Services and Development Economics: Forum on Sovereign Foreign Debt Management, Washington, D.C., U.S.A., October 1997.
- Macroeconomic and Financial Management Institute of Eastern and Southern Africa:
  Private Sector External Debt Workshop, Harare, Zimbabwe, 1-3 December 1997.
- United Nations Conference on Trade and Development: DMFAS International Debt Management Conference, Geneva, Switzerland, 10-19 December 1997.
- <u>UNCTAD, UNITAR and UNDP</u>: DMFAS International Seminar on Debt Strategy and Policy Formulation for CIS and Eastern Europe Countries, Geneva, Switzerland, **29 June-3 July 1998.**
- IMF, OECD, BIS, World Bank, EUROSTAT, European Central Bank, Paris Club Secretariat, Commonwealth Secretariat and UNCTAD: Inter-Agency Task Force on International Financial Statistics, Paris, France, 29-30 October 1998.
- <u>UNCTAD, UNITAR and UNDP</u>: International Seminar on Debt Strategy and Policy Formulation for CIS and Eastern Europe Countries, Tbilisi, Georgia, 19-23 April 1999.
- IMF, OECD, BIS, World Bank, EUROSTAT, European Central Bank, Paris Club Secretariat, Commonwealth Secretariat and UNCTAD: Inter-Agency Task Force on International Financial Statistics, Basel, Switzerland, 16-18 June 1999.
- <u>UNCTAD, UNITAR and UNDP</u>: Seminar on accessing private capital markets for CIS, Eastern Europe Countries and Central Asian Countries, Bratislava, Slovakia, 19-23 July 1999.
- <u>UNITAR</u> and the Irish Institute for Public Administration: Seminar on the administrative setting for an efficient public debt management for Sub-Saharan African Countries, Dublin, Ireland, 22-24 September 1999.
- <u>Inter-American Development Bank</u>: External debt relief, social investment and globalisation, Washington, U.S.A., **10 November 1999.**
- IMF, OECD, BIS, World Bank, EUROSTAT, European Central Bank, Paris Club Secretariat, Commonwealth Secretariat and UNCTAD: Inter-Agency Task Force on International Financial Statistics, Washington, U.S.A., 10-14 January 2000.
- <u>IMF</u>: Dinner and round table hosted by Mr. Stanley Fisher to discuss "Capital Flows and Debt", Washington, U.S.A., 23-24 February 2000.
- **IMF:** Workshop on the New Guide on External Debt for Compilers and Users, Singapore, **20-24 Mars 2000**.
- United Nations Conference on Trade and Development: DMFAS 2<sup>nd</sup> International Debt Management Conference, Geneva, Switzerland, 3-7 April 2000.
- Macroeconomic and Financial Management Institute of Eastern and Southern Africa: Strategic Planning in Debt Management, Lusaka, Zambia, 14-16 June 2000.
- <u>COMMONWEALTH SECRETARIAT</u>: Workshop on the enhanced HIPC Initiative, London, U.K., 17-19 July 2000.

- IMF, OECD, BIS, World Bank, EUROSTAT, European Central Bank, Paris Club Secretariat, Commonwealth Secretariat and UNCTAD: Inter-Agency Task Force on International Financial Statistics, Frankfurt, Germany, 10-13 October 2000.
- IMF, World Bank and ECLAC: Regional Seminar on Public Debt Management, Santiago, Chile, 16-20 October 2000.
- Macroeconomic and Financial Management Institute of Eastern and Southern Africa: 4<sup>th</sup> Fellows Selection Programme, Harare, Zimbabwe, 1-5 December 2000.
- Parliamentarian for Global Action: 22<sup>nd</sup> Meeting: Debt Relief Targeted to Poverty Eradication, Rome, Italy, 11-12 December 2000.
- <u>IMF and CEMLA</u>: Workshop on the New Guide on External Debt for Compilers and Users for Spanish speaking countries, Mexico, D.F., Mexico, 6-9 Mars 2001.
- World Bank and UNCTAD, III Least Developed Countries Conference: Panel on debt Relief and Poverty Alleviation organised by the World Bank, Brussels, Belgium, 15 May 2001.
- <u>United Nations Conference on Trade and Development</u>: DMFAS 3<sup>rd</sup> International Debt Management Conference, Geneva, Switzerland, 3-6 December 2001.
- <u>International Monetary Fund</u>: Bahrain Monetary Agency, Regional External Debt Statistics Seminar for Arabic speaking countries, Bahrain, 10-14 February 2002.
- Macroeconomic and Financial Management Institute of Eastern and Southern Africa:
  Forum for Treasury and Finance Secretaries, London, U.K., 21-22 September 2002.
- <u>Macroeconomic and Financial Management Institute of Eastern and Southern Africa:</u>
  Forum for Deputy Governors of Central Banks or Deputy Finance or Economic Planning Secretaries, Harare, Zimbabwe, 18 November 2002.
- <u>IDI</u>: Resource person for the training for trainers' session on public debt audit organised by the INTOSAI Development Initiative (IDI), the training arm of the International Organisation of Superior Audit Institutions (INTOSAI). Mexico, 5-30 May 2003.
- Macroeconomic and Financial Management Institute of Eastern and Southern Africa: Fellows graduation and Fellows Selection Programme, Harare, Zimbabwe, 27-30 April 2004.
- Columbia University and UNDP: Strategic Issues in Managing Sovereign Debt for Sustained Development for the Multi-Stakeholder Dialogue on Debt. New York, 15-16 October 2004.
- <u>United Nations, DESA</u>: Strategic Issues in Managing Middle-Income Countries Sovereign Debt. Multi-Stakeholder Dialogue on Debt. New York, **7-8 March 2005**.
- Inter-American Development Bank: "Brown Bag" Session: Razones e Incentivos para Crear un Mercado Doméstico de Deuda Pública, Washington, U.S.A., 9 June 2005.
- Inter-American Development Bank: Presentation of the project to create a regional public debt information system to the first thematic workshop of LAC DEBT GROUP (Latin American and Caribbean Public Debt Management Specialists) to be held in Washington D.C. on September 26th of 2005. The workshop is being organised as a joint effort of the Sustainable Development Department of the Inter-American Development Bank (IDB) and the debt management offices of all the region countries. Washington, U.S.A., 26 September 2005.

- <u>United Nations Institute for Training and Research (UNITAR)</u>: Course Director of the on-line e-Course on "Rescheduling with the Paris Club", **3 October-11 November 2005.**
- Inter-American Development Bank: Presenting the set of Templates for the LAC DEBT GROUP for the member countries to report their public debt in a comprehensive, homogeneous and regular basis. The Templates were presented at the LAC DEBT GROUP technical meeting in Cartagena de Indias, Colombia, 19-21 April 2006.
- African Development Bank: Course on Sovereign Debt Management for the AfDB's staffs. Tunis, Tunisia, 11-13 December 2006.
- Macroeconomic Financial Management Institute of Eastern and Southern Africa (MEFMI) and the Ministry of Finance of Tanzania: organisation and delivery of a set of lectures for staffs of the Ministry of Finance and the Bank of Tanzania on Back Office skills in, Tanzania, Dar es Salaam, May 2007.
- <u>IMF</u>: Resource person for a training course organised by the International Monetary Fund on External Debt Statistics for collection, classifying and reporting data. Washington, 10-28 September 2007.
- <u>United Nations Institute for Training and Research (UNITAR)</u>: Course Director of the on-line e-Course on "Rescheduling with the Paris Club", 13 September-17 October 2007.
- <u>OIS Partners Consulting Firm</u>: Workshop on "Risk Management" for staffs of the Ministry of Finance and the Central Bank of Moldova, financed by **SIDA**. Chisinau, Moldova, 11 to 26 February 2008.
- <u>UNCTAD DMFAS Programme</u>: Senior resource person for the Data Validation Workshop of the External Debt of Sudan held at the Central Bank of Sudan in Khartoum. Geneva, Switzerland, and Khartoum, Sudan, 21 April to 7 May 2008.
- <u>United Nations Institute for Training and Research (UNITAR):</u> Course Director of the on-line e-Course on "Fundamentals of Risk Management", **12 May-6 June 2008.**

## Publications:

- "Nota sobre los métodos estadísticos de la OCDE en el estudio comparativo sobre las estructuras profesionales y educativas y el nivel de desarrollo económico", Demografía y Economía Vol. VI Núm 2, México 1972, pp.261-266.
- "Recherche statistique et économétrique sur les conditions d'activité des industries mexicaines:1950-1967" <u>Mondes en Développement</u> No 17, Paris 1977, pp. 75-111.
- "Analyse des données économiques de la Banque centrale du Mexique" <u>Les Cahiers de</u> l'IUT, No 2, Paris 1978, pp. 194-226.
- Zaïre: Méthodes alternatives pour financer les besoins en capital extérieur, 1980-1990, Note préparée par le Secrétariat de la CNUCED, Genève 1979, pp. 16.
- Liberia: Hypothetical projections of external capital requirements 1980-1990, Note by the UNCTAD secretariat (UNCTAD/FIN/20), Geneva 1980, pp.8.
- "Economic outlook for Latinamerica" which appeared in the world economic outlook, Part I, in the Trade and Development Report for 1981 (TD/B/863/Rev.1), 1982 (UNCTAD/TDR/2/Rev.1), 1983 (UNCTAD/TDR/3/Rev.1) and 1984 (UNCTAD/TDR/4/Rev.1).
- PAKISTAN: Hypothetical projections of external capital requirements 1980-1990, Note by the UNCTAD secretariat (UNCTAD/FIN/21), Geneva 1981, pp.17.
- REPUBLIQUE DEMOCRATIQUE DE MADAGASCAR: Perspectives économiques et besoins de flux de capitaux extérieurs, à moyen terme, sous différentes Hypothèses, Mémorandum préparé par le secrétariat de la CNUCED (UNCTAD/FIN/23/Rev. 1), Genève 1981, pp.8.
- -with K.Ruffing Determination of Quotas and the Relative Position of Developing Countries in the International Monetary Fund UNDP/UNCTAD, Project INT/81/046, Report to the Group of Twenty- Four, (UNCTAD/MFD/TA/14), Geneva 1982, pp. 29.
- -with K.Ruffing <u>CUBA</u>: <u>Recent Economic Developments and Future Prospects</u> UNCTAD/UNDP Project <u>CUB/82/009</u>, <u>Report to the Government of Cuba</u>, (UNCTAD/MFD/TA/21), Geneva 1982, pp. 65.
- <u>Different Aspects of Foreign Debt Rescheduling of Developing Countries in the Last Twenty Years. Mimeo., Geneva December 1983, pp. 13.</u>
- -with P.Sankala "El Sistema Informatizado de la UNCTAD" <u>CEMLA Bulletin</u>, Vol XXX, No 5, Mexico September/October 1984, pp. 259- 265.
- "El Sistema de Manejo de la Deuda de la UNCTAD" in <u>La Deuda Externa en el Grupo</u> Andino, Junta del Acuerdo de Cartagena, Lima 1984, pp. 75-105.
- CUBA: Economic Developments in 1983 and Future Prospects UNCTAD/UNDP Project CUB/82/009, Report to the Government of Cuba, (UNCTAD/MFD/TA/41), Geneva 1984, pp. 51.
- -with K.Ruffing Debt and development problems of developing countries: review of the implementation of section B of Trade and and Development Board Resolution 222 (XXI), (TD/B/980), Geneva 1984, pp. 25.
- -with K.Ruffing Debt and development problems of developing countries: review of the implementation of section B of Trade and and Development Board Resolution 222 (XXI): Conclusions drawn by the UNCTAD secretariat from consultations held on application of the Conference Resolution 161 (VI), (TD/B/990), Geneva 1984, pp. 25.

- -with P.Sankala UNCTAD Debt Monitoring and Financial Analysis System, Prepared by the secretariat of UNCTAD, (UNCTAD/MFD/45/Rev.1), Geneva 1985, pp.34.
- -with K.Ruffing Review of the implementation of the guidelines contained in Board resolution 222  $\overline{\text{(XXI)}}$  (Debt and development problems of developing countries),  $\overline{\text{(TD/B/1167}}$  and Add. 1), Geneva 1988, pp. 28.
- -with P.Straatman and A.Bodin <u>Effective Debt Management</u>, (UNCTAD/RDP/DFP/DMS/2), Geneva 1989, pp. 17.
- -with the DMFAS staff Debt Management and Financial Analysis. The UNCTAD Programme: Progress Report 1988, (UNCTAD/RDP/DFP/5), Geneva 1989, pp. 15; Progress Report 1989, (UNCTAD/RDP/DFP/7), Geneva 1990, pp. 21; Progress Report 1990-1991, (UNCTAD/RDP/DFP/DMS/12), Geneva 1992, pp.16; Progress Report 1991-1992, pp. $1\overline{7}$ ; (UNCTAD/GID/DFP/DMS/9), 1993, Geneva Progress (UNCTAD/GID/DFP/DMS/16), 1994, pp.18; 1994, Geneva Progress Report Geneva 1995, pp.20; 1995, (UNCTAD/GID/DMFAS/Misc.1), Progress Report (UNCTAD/GID/DMFAS/Misc.11), Geneva 1996, pp.22.
- -with the DMFAS staff <u>Debt Management and Financial Analysis System: INFORMATION NOTE</u>, (UNCTAD/RDP/DFP/DMS/4/Rev.1), Geneva 1990, pp. 12.
- -with the DMFAS staff <u>Debt Monitoring System USERS' GUIDE</u>, Restricted Distribution (UNCTAD/RDP/DFP/DMS/6), Geneva 1990, pp.120.
- -with the DMFAS staff  $\underline{\text{Debt Monitoring System: Instructions for Completing Forms}}$ , Restricted Distribution  $\underline{\text{(UNCTAD/RDP/DFP/DMS/9/Rev.1), Geneva 1992, pp.107.}}$
- -with the DMFAS staff <u>Debt Monitoring System USERS' GUIDE</u>, Restricted Distribution (UNCTAD/RDP/DFP/DMS/13/Part 1/Rev.1), Geneva 1992, pp.163.
- -with the DMFAS staff <u>Debt Reorganisation Subsystem</u>, Restricted Distribution (UNCTAD/RDP/DFP/DMS/13/Part 2/Rev.1), Geneva 1992, pp. 26.
- -with the DMFAS staff <a href="Debt">Debt</a> Projections and Balance of Payments Linkage System, Restricted Distribution (UNCTAD/RDP/DFP/DMS/13/Part 3/Rev.1)), Geneva 1990, pp.120.
- <u>DMFAS 5.0 Technical Information Note,</u> (UNCTAD/GID/DMFAS/Misc.4), Geneva 1996, pp.11.
- -and A. Bodin <u>UNCTAD's DMFAS 5.0 in Brief,</u> (UNCTAD/GID/DMFAS/Misc.7), Geneva 1996, pp.7.
- -"UNCTAD's Global Support of Improvements in Public Debt Management" in <u>Proceedings</u> of the Washington International Financial Management Forum for Calendar Year 1995. International Consortium on Governmental Financial Management. Washington March 1996. pp.23-32.
- -State of the Art in Debt Management and Financial Analysis Systems: the DMFAS. International Consortium on Governmental Financial Management. Miami, May 1996.
- -The Notion of Stocks and Flows and the DMFAS: a Heuristic Approach. Mimeograph, DMFAS Programme Discussion Paper, Geneva 1997.
- -Debt Sustainability and Social and Human Development: The Net Transfer Approach and a Comment on the So-called "Net" Present Value Calculation for Debt Relief.

  . UNCTAD Discussion Papers No 128, Geneva, September 1997.
- -"Private External Debt and Other Private Flows" in <u>Proceedings of the First Interregional Debt Management Conference, Geneva 10-19 December 1997</u>, New York and Geneva, 1999.

- "The DMFAS Programme" in The United Nations Conference on Trade and Development: Trade, Investment and Development. International Systems and Communications Limited (ISC) and UNCTAD. London and Geneva, April 2001.
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