

CURRICULUM VITAE: DR. J.O. GOGO

1. **Full Name:** Dr. Joseph Oko **GOGO**
2. **Profession:** Policy Analyst, Technology Management Consultant, Engineer and Materials Scientist.
3. **Date of Birth:** July 21, 1946
4. **Nationality:** Ghanaian
5. **Marital Status:** Married with three (3) children
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6. Education and Qualifications;

- (a) B.Sc. (Hons), Geology, 1972, Second Class (Upper Division)
University of Ghana, Legon
- (b) M.Sc. (Applied), Engineering Geology, 1976
McGill University, Montreal, Canada
- (c) M.Sc., Geotechnical Engineering, 1985
Vrije Universiteit Brussel, Brussels, Belgium
- (d) D.Sc., Geotechnical Engineering, 1990
Vrije Universiteit Brussel, Brussels, Belgium.
(Graduated with the highest distinction, Summa Cum Laude).

7. Professional Training Undertaken:

- (a) Soil Engineering Technologies, 1982.
- (b) Composite Materials Technologies, 1985.
- (c) Technology Transfer Management, 1996.
- (d) Interactive Management techniques, 1997.
- (e) Enhanced Technology Management Skills, 1999.

8. **Academic Prizes, Awards and Scholarships Received:**

- (a) **Wadell Prize** (June 1972): Awarded by the University of Ghana for being the best student in the Faculty of Science B.Sc. (Honours) Examination in June 1972.
- (b) **University of Ghana Postgraduate Scholarship** (July, 1974): Awarded by the University of Ghana for studies leading to the M.Sc. degree at McGill University, Montreal.
- (c) **Max Binz Award** (May 1975): Awarded by the Faculty of Graduate Studies and Research, McGill University, to foreign graduate students who distinguish themselves in their studies.
- (d) **William H. Howard Award** (September, 1975): Awarded by the Faculty of Graduate Studies and Research, McGill University, on the basis of outstanding performance in the M.Sc. (Applied) programme.
- (e) **UNESCO Fellowship** (August, 1983): For studies towards the Master of Science and Doctor of Science degrees in Brussels, Belgium.
- (f) **Award of Highest Distinction** (June, 1990): Awarded for Doctor of Science Studies, Vrije Universiteit Brussel, Brussels Belgium.

9. **Employment Record:**

- (a) 1996 – Present: Director, Science and Technology Policy Research Institute (STEPRI, CSIR).
- (b) 1995 – 1996 : Principal Research Scientist and Head of Geotechnical Engineering Division, (BRRI, CSIR).
- (c) 1982 – 1995 : Senior Research Scientist, Building and Road Research Institute (BRRI, CSIR) (includes a period of seven (7) years (1983-1990) of postgraduate studies in Brussels, Belgium).
- (d) 1977 – 1982 : Research Scientist, (BRRI, CSIR).
- (e) 1975 – 1976 : Graduate Research Assistant, Faculty of Graduate Studies, McGill University, Montreal, Canada.
- (f) 1972 – 1974 : Assistant Research Scientist, (BRRI, CSIR).

10. Relevant Professional Experience

10.1 S&T policy and technology management:

1996 to Present: Director of the Science and Technology Policy Research Institute (STEPRI), CSIR, Responsible for technical studies on:

- Technology management studies,
- S&T policy formulation, monitoring and evaluation,
- Technology impact assessment in enterprise development,
- S&T inputs for national development planning,
- Technology assessment for transfer and diffusion,
- Facilitation of commercialisation of technological innovation,
- Environmental engineering in the development of human settlements,
- Technological inputs for the development of road transport infrastructure in Ghana,
- Technology options for waste management and utilization.

10.2 Consulting experience

(a) Scope of clients:

Worked as a consultant on many technology management and engineering projects for various clients including, the Bank of Ghana, Ministry of Agriculture (Ghana), Volta River Authority, Degremont International, Ghana Cocobod, Ghana Highway Authority, Watertech Consulting Engineers, Technical Services Centre of the Ministry of Works and Housing/World Bank, and HAG Consult, UNIDO (Technology Services, Investment and Technology Promotion, Division), Organisation of African Unity (Scientific, Technical and Research Commission), UNCTAD (Joint Integrated Technical Assistance Programme), UNDP/Ministry of Environment, Science and Technology (MEST), National Development Planning Commission (NDPC), etc.

(b) Some Recent Assignments Performed:

- i Country Coordinator and Executive Committee Member of the International Programme on Tailor-made Biotechnologies for Endogenous Development, 2002 to Present.
- ii Member, National Forum Committee on Harnessing Research Science and Technology for the Sustainable Development of Ghana, 2003 to Present.
- iii Consultant, Science and Technology Policy Inputs for the President's Coordinated Programme of Economic and Social Development of Ghana, 2003 - 2012; Prepared for the National Development Planning Commission. November 2002.
- iv Member, Drafting Committee of Country Profile on Implementation of Agenda 21. Country Report Prepared for the World Summit on Sustainable Development. July, 2002.
- v Member, Working Group on Restructuring the Management of Science and Technology in Ghana. Report prepared for the Ministry of Environment and Science. November, 2001.
- vi Consultant, Report on: Science and Technology for Sustainable Development in Ghana. Report Prepared for the Ministry of Environment, Science and Technology as an Assessment for the National Consultative Process for the World Summit on Sustainable Development. August, 2001.
- vii. Project Team Member, NDPC Cross-sectoral Planning Groups on Enabling Environment and also on Regional Economic Cooperation and Integration, for the preparation of: "Ghana Vision 2020 – The Second Step: 2001 – 2005".
- viii Principal Organiser and Country Resource Person, Training Workshop on Appropriate Technology Policy for Sustainable Development in African Countries. Sponsored by the OAU Scientific Technical and Research Commission, and the Regional Programme for Technology Management (UNESCO), November, 2000.
- ix Consultant to UNCTAD on Policies for Transfer of Technology in Ghana, as part of the Joint Integrated Technical Assistance Program (JITAP), March 2000.

- x. Principal Organiser and Country Resource Person, Training Workshop on the Development and Management of Science and Technology Budgets in African Countries. Sponsored by the OAU Scientific, Technical and Research Commission and the Regional Programme for Technology Management (UNESCO), August, 1999.
- xi. Country Coordinator, US-Africa Materials Research Society. Sponsored by the US National Science Foundation and the South African National Research Foundation, July 1999 - Present.
- xii. Project Supervisor, Ghana Project Team on the Biotechnology Development Programme. Sponsored by the Department for International Development (UK), June 1999 - December 2000.
- xiii. Project Supervisor, Utilization of Biotechnologies for Non-traditional Exports: The Ghanaian Experience. Sponsored by the Technology and Agrarian Development Group of the Wageningen Agricultural University, Netherlands, April 1998 - May 1999.
- xiv. Principal Organiser and Country Resource Person, Training Workshop on Technology Transfer Management. Sponsored by UNIDO (Technology Services, Investment and Technology Promotion Division), December, 1997.
- xv. Coordinator and Principal Researcher, Project on Science and Technology Policy Dialogue in Ghana. Sponsored by the Carnegie Corporation of New York, July 1997 to Present.
- xvi. Project Supervisor, Ghana Project Team on Science and Technology in Development: Sharing Innovative Experiences Among Developing Countries. Sponsored by The Third World Network of Scientific Organisations (TWNSO) and UNDP, July 1997 - May, 1999.

11. Some Current/Recent Responsibilities:

- (a) Member of the Governing Council of the Council for Scientific and Industrial Research (CSIR).
- (b) Chairman of the Board of Trustees of the African Technology Policy Studies Network (ATPS) – Ghana Chapter; sponsored by the IDRC (Canada), Carnegie Corporation of New York and the Rockefeller Foundation.

- (c) Chairman, Advisory Board of the Technology Top 100 Award Scheme for Leading Enterprises in the Use of Technological Innovation in Ghana.
- (d) Member, Advisory Board of the Institute of Statistical Social and Economic Research (ISSER) of the University of Ghana, Legon.
- (e) Member, Management Board of the Institute for Scientific and Technological Information (INSTI), CSIR.
- (f) Member, Agricultural Research Policy Committee, ARPC, (a national committee on agricultural research policy), April 2002 – 2005.
- (g) Member, Planning Committee for National Forum on Research, Science and Technology for Sustainable Development in Ghana. (2003 – 2004).
- (h) Member, Advisory Boards of the Technology Improvement Programme and the Sub-Contracting and Partnership Exchange Programme of the Ministry of Trade, Industry and Presidential Special Initiatives (MOTI/PSI), Ghana.
- (i) Member, Ghana/US Consultative Committee on Agriculture and Rural Development (CCARD), Ministry of Food and agriculture (MOFA).
- (j) Member, Editorial Advisory Board of the Journal of the Ghana Institution of Engineers.
- (k) Member, Editorial Board of the Ghana Journal of Science.
- (l) Member, Technical Committee for the Ghana Human Development Report (2000), sponsored by the United Nations Development Programme.
- (m) Member, Ghana Committee for the Implementation of the ILO/UNDP Jobs for Africa Programme.
- (n) Member, Committee for: *Production and Employment*, for the preparation of the Ghana Poverty Reduction Strategy Document (2000).

12. Some Relevant Reports, Publications and Presentations Made Over the Past Six (6) Years Only:

1. **Gogo, J.O.** Towards Effective Management and Funding of Research Science and Technology in Ghana. Paper presented at the First National Forum on Harnessing Research, Science and Technology for Sustainable Development in Ghana, March, 2004.
2. Stads, Gert-Jan and **Gogo, J.O.** Agricultural Science and Technology Indicators: Ghana. ASTI Country Brief No.13, International Food Policy Research Institute (IFPRI), March 2004.

3. **Gogo, J.O.**: Science and Technology in National Development Report prepared for the President's Coordinated Programme of Economic and Social Development of Ghana for the Period 2003 – 2012. Nov. 2002.
4. **Gogo, J.O.** : Strategic Framework of Action for the Use of Science and Technology in Economic and Social Development of Ghana. Paper presented at the National Development Planning Commission (NDPC) Workshop on the Media as Partners in Socio-Economic Development. Sept. 2002.
5. **Gogo, J.O.**, Frempong, G.K., Essegbey, G.O. and Ampadu, R.A: Tailor-made Biotechnology for Endogenous Development in Ghana. TMBT Project Report, Wageningen Agricultural University, Wageningen, The Netherlands, June, 2002.
6. **Gogo, J.O.**: Proposed Strategic Plan for Repositioning the CSIR for Greater Impact on National Development. Paper presented to management staff of the CSIR, Accra, June 2002.
7. **Gogo, J.O.**: Proposal for Restructuring the Management of Science and Technology in Ghana. Paper presented at the Stakeholders Forum organised by the Ministry of Environment and Science, Accra, March 2002.
8. **Gogo, J.O.**: Budget as an Instrument for Managing Science and Technology Policy in Ghana. Paper presented at the National Workshop on Budgetary Allocation for Science and Technology in Ghana, organised by the African Technology Policy Studies Network – Ghana Chapter, Accra, November, 2001.
9. **Gogo, J.O.**: Science and Technology for Sustainable Development in Ghana. Report prepared for the National Consultative Process for the World Summit on Sustainable Development. Ministry of Environment, Science and Technology, August, 2001.
10. **Gogo, J.O.**: Research and Technology Development: Policy Priorities in Ghana. Paper presented at the ACP-EU/ISSER Workshop on Policy Dialogue on Research and Technology Development, Accra, January, 2001.
11. **Gogo, J.O.**: Appropriate Technology Policies for Acquisition, Modification and Absorption of Foreign Technologies in the Economy of African Countries. Paper presented at the Workshop on Appropriate Technology Policy for Sustainable Development in African Countries. Organised by the OAU Scientific, Technical and Research Commission, and the Regional Programme for Technology Management (UNESCO), November, 2000.

12. **Gogo, J.O.** : Policies for Technology Transfer in Ghana. Report prepared for the United Nations Conference on Trade and Development (UNCTAD). Joint Integrated Technical Assistance Programme, March, 2000.
13. **Gogo, J.O.**: Science and Technology Policy Research in the Economic Development of Ghana. Report presented to the CSIR Directors' Management Committee, December, 1999.
14. **Gogo, J.O.**: "The Importance of Science and Technology in the Economic Development of Ghana" Paper presented in the Parliamentary Support Programme of the Institute of Economic Affairs. October, 1999.
15. **Gogo, J.O.** and Abakah, E.M. An Overview of Ghana's Experience in Science and Technology (S&T) Budget Development and Management. Training Workshop on the Development and Management of S&T Budgets in African Countries. August, 1999.
16. **Gogo, J.O.**: Engineering Material Resources, Research and Development in Ghana: A Country Overview. Paper presented at the Planning Meeting of the USA-Africa Materials Workshop; Organised by the US National Science and Foundation and the South African National Research Foundation, Pretoria, South Africa, July 1999.
17. **Gogo, J.O.**: Key Issues for Science and Technology Policy in Ghana. African Technology Policy Studies (ATPS) Workshop on: Science and Technology Policy Research for National Development; Organised by Ghana - ATPS, Kumasi, Ghana, June 1999.
18. **Gogo, J.O.**: Science, Technology and Education Policy in Africa. Symposium on Science and Technology for the Sustainable Development of Africa; Organised by the Edward A Bouchet Institute as part of the Fifth Africa - African American Summit, Accra, Ghana, May 19, 1999.
19. **Gogo, J.O.**: Technological Issues in Improving Access to Food in Ghana. Paper prepared for the Workshop on: Access to Food, Wageningen, Netherlands; Organised by the Technology and Agrarian Development Group (University of Wageningen), May 1999.
20. **Gogo, J.O.**: Anim-Dankwa, W and Obiri, H.A.: Industrial Information Networking in Ghana. COMESA/UNIDO Regional Seminar on Information Networking for Technology, Investment and Business, Lusaka, Zambia, 25-27 November 1998.
21. **Gogo, J.O.**: Micah, J.A. and Afful, K.N., The Development and Management of Science and Technology Policy in Ghana. Final Report on Phase 1 of the Carnegie Project on S&T Policy Dialogue, February 1998.
22. **Gogo, J.O.**: The Experience of Ghanaian Industry in Technology Acquisition and Transfer, A Country Study for UNIDO (Technology Services, Investment and Technology Promotion Division). December, 1997.

23. **Gogo, J.O.:** Some Features of the National Science and Technology System In Ghana and the Need for Restructuring.
First Regional Workshop on the Restructuring of National Science and Technology Systems in Africa; Organised by UNESCO, May, 1997.
24. **Gogo, J.O.:** The Role of Technology in Environmental Management. Proceedings of Seminar on Key Economic and Legal Instruments for Environmental Management in West Africa. Vrije Universiteit, Brussel/International Centre for Enterprise Development, April 1997.