



NAME : James Janthana Bango
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PRESENT POSITION : Assistant Professor, Dept. of Surveying Engineering, College of Engineering, Sudan University of Science and Technology.

EDUCATION :

- Ph.D., Khartoum University (Sudan), 2001-2005.
- M.Sc., Sudan University of Science and Technology, (Sudan) 1995-1997.
- B.Sc., Khartoum University (Sudan), 1980-1985.

ACCADEMIC APPOINTMENT AT SUST:

- Assistant Professor, College of Engineering, 2001.
- Lecturer, College of Engineering, 1997.
- Teaching Assistant, College of Engineering, 1991.

OTHER RELATED EXPERIENCE:

- Five years as Survey Engineer with National Survey Department (Khartoum), 1986-1991.
- Senior Survey Engineer on the following projects:
 - Bathymetric and Topographic survey of MecNimir Bridge site, Consultants Road and Bridges Public Corporation, 2005.
 - Bathymetric survey along the new axis of Merwi Dam October 2001, Consultants Hydroproject.
 - Topographic and detail design survey of pipeline routes Higlig 1997.
 - Detail design survey of Abu-Haraz link Road March 1994, Consultants ScottWilson (British Company).
 - Detail design survey of El Obeid - Ennuhud Road May 1994, Consultants ScottWilson Company.
 - Detail design survey of Sawakin - Tokar Road .Project No 4800, Consultants Norconsult International Company. Feburary 1993.

-Detail design survey of Al-Gadafi Road. Consultants Roads and Bridges Public Corporation Khartoum-Sudan, 1991.

-Detail design survey of El Damazin - Kurmuk Road May 1989,Consultants Road & Bridges Public Corporation Khartoum .-Sudan, 1989.

-Detail design survey of Omdurman Dongola Road. Client Roads and Bridges Public Cooperation Khartoum- Sudan October, 1988.

-Topographic survey of Arbaat Dam site Consultants,, Sudan Survey Department January, 1988.

-Immediate Improvement Project for Omdurman Area Water Supply. Consultants NIHON SUIDO Consultants, LTD Tokyo Japan May ,1987.

-Photo Control Project for the production of Topographic map of Dongola Town, Consultants, Sudan Survey Department, February, 1986.

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES:

- Member of the Sudanese Engineering Society (MSES).

HONORS, AWARDS AND GRANTS:

- None

PUBLICATIONS (Last 5 years) :

- El Shami M. Massad and James J.Bango "A Combined Method for DTM Generation" Sudan Engineering Society Journal May 2006 Vol. 52, No 46.

- El Shami M. Massad and James J.Bango " An Evaluation of Three Methods of DTM generation in rough Terrain"(in review).

- James J. Bango "Vertical Control Network Design" (in review).

INSTITUTIONAL AND PROFESSIONAL SERVICE IN LAST 5 YEARS:

- Member of college Research Board, 2007-present.
- Post graduate programs coordinator, Survey Engineering Department 2007-present.

PROFESSIONAL DEVELOPMENT ACTIVITIES IN LAST 5 YEARS:

- Two days intensive short course on 'Vertical control Network Design', 2007.
- Two days intensive course on 'Precise Levelling' , 2007.
- Two days intensive course on Digital Terrain Model Generation (DTM), 2007.

PROGRAM CURRICULUM

Course Code	Course Name
SE426	Engineering Surveying I
SE427	Engineering Surveying II