

**HARI P. GARBHARRAN, Ph.D.**

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**EDUCATION:** MBA conc. In Health Svcs (Online Program at Keller Graduate School of Management): 04/2008;

Ph.D. IN WATER RESOURCES MANAGEMENT (1989), Southern Illinois University, Carbondale, IL.

M.A. IN GEOGRAPHY (1982), (University of Natal), Durban, South Africa

**WORK EXPERIENCE:**

**1994--present:** MIDDLE TENNESSEE STATE UNIVERSITY, Professor of Geography  
On-line instructor; duties include teaching, research and public service. Responsible for teaching introductory and upper level Geography courses-- includes planning course guidelines, schedule of work and timelines, reviewing student projects, assignments and making performance evaluations. Organized and directed study abroad field trips and taken 82 U.S. students during summers to South Africa, Swaziland, India, Nepal, Australia and Spain (1997-2014). Research director of the U.S.-South Africa sustainability project -- directing an interdisciplinary team of researchers in the U.S. and South Africa-- principal investigator of the project and senior grant writer of the winning proposal-- have organized and coordinated meetings with stakeholders in South Africa bi-annually since 1999; organized U.S. faculty visits to South Africa; promoted capacity building of South African personnel from disadvantaged populations by organizing training of South African personnel in U.S. water modeling in Florida in November 2000; co-authored over 60 conference presentation abstracts nationally and internationally on the ongoing South African research from 1999-2002; designed and structured with other faculty a full web-based course for U.S. and South African students on "Public Health Concerns for South African informal communities."

**1998-2007:** VANDERBILT UNIVERSITY, Adjunct Professor  
Taught Human Geography in Sub-Saharan Africa for Arts and Sciences. Taught blended Fall course on Human Geography (SSED 2400) at Peabody Campus, Teaching and Learning Center.

**1991-1994:** PLANNING AND MANAGEMENT CONSULTANTS, LTD, SENIOR ANALYST  
Conducted personal and focus group interviews with about 100 key members of the California water community representing 57 organizations during the six year California drought in the late eighties and early nineties. Interviews were conducted with representatives from federal, state, regional, and local water supply agencies, as well as environmental, private, and governmental entities. Documented lessons learned from the CA drought during drought for the U.S. Army Corps of Engineers. Managed a team of water and environmental consultants to implement the Installation Water Resources Analysis and Planning System (IWRAPS) computerized water planning tool in fixed Army and Air Force installations within the Continental United States. Designed and implemented water use survey to over 100 Air Force installations in the U.S. Collected water production and metered data from military installations were utilized to design the IWRAPS-AF software. Taught Army and Air Force installation managers computerized IWRAPS software application. Taught civilian water planning personnel the Institute for Water Resources-Municipal and Industrial Needs (IWR-MAIN) computer application.

**CERTIFICATION:** COI (Certified Online Instructor; IWR-MAIN (Institute for Water Resources-Municipal and Industrial Needs) instructor; IWRAPS (Installation Water Resources Analysis and Planning Systems) instructor; AFFILIATE BROKER, Real Estate Commission, ID#: 00262974.

**CULTURAL AND TRAVEL EXPERIENCE:** Born and raised in South Africa, schooled in British English, and current U.S. Citizen. Travels have included various African countries (Swaziland, Lesotho, Zambia, Zimbabwe, Bophuthuswana, Mauritius and Seychelles); India, Sri Lanka, Nepal; Australia; New Zealand, various European countries (United Kingdom, France, Germany, Belgium, Luxembourg, Italy, Austria, Switzerland, Vatican City); Canada; and various states in the US. Spoken languages include English, Hindi, Zulu, and Afrikaans. Currently learning conversational Spanish.

**AWARDS:** Bishop Tutu's Equal Opportunities Scholarship to study for the Ph.D at Southern Illinois University (1986-89); Awarded over \$500,000 from September 1999-August 2002 for joint partnership between MTSU, University of Durban-Westville (Durban, South Africa) and Southern Illinois University through Association Liaison Office for University Cooperation and Development (ALO), U.S. Agency for International Development (USAID) & White House Education for Democracy and Development Initiative (EDDI) -- Partnering with Higher Education for International Development. Project involving Sustainable Environmental Management of Informal Settlements in KwaZulu-Natal, South Africa: Health Outreach Program in water sanitation, hygiene and HIV/AIDS Prevention. Funding comprising \$250,000 from ALO-USAID-EDDI, and \$254,929 in matching funds from three partnership universities.

**COMMUNITY ACTIVITIES:** 2003: Founder and Executive Board Chair of non-profit organization, "Humans in Crisis International Corporation"—US public charity focusing on education, poverty reduction and health services in developing countries; 1997-2000--Vice-President of People to People in Nashville Chapter to foster U.S. cooperation with international economists, students and educators; 1995-2003--Designing and implementing international partnership between U.S. and South Africa and conducting research, education and community outreach in squatter communities around Durban, KwaZulu-Natal, South Africa. Directing the outreach effort in Durban squatter communities; 2001-2003--Membership in Nashville New American Coalition as one of lead delegates to Coalition for Cultural and International Development-- Involved with Capacity Building and Civic Development.

**PROFICIENCIES:** Excellent command of English language and presentation skills have been refined over the years of teaching and administrative experience; Efficient manager of research projects, even those that cross both national and international boundaries; Excellent management skills and working with interdisciplinary research teams across continents; Natural motivator of team members by leadership through example; Innate arbitration skills preserve harmony among team workers and ensures completion of project tasks within deadline dates and under-budget; Excellent human relations and interpersonal skills with diverse populations have been fostered by world travel experience; Pro-active planning skills and belief in transparency and openness with research partners and stakeholders avoids mis-communication and fosters partnership; Computer applications include Microsoft Word, Excel, SPSS-10, d-Base applications; On Line Instructor versatile with course info, Blackboard, WebCT, D2L and eCollege; Water Modeling including IWR-MAIN and IWRAPS.

**PROFESSIONAL ASSOCIATION MEMBERSHIP:** International Water Resources Association (1988-1989), (1998-present); Association of American Geographers (1988-1989, 1994-1999)-- Director of Africa Specialty Group (1999-2001); National Council for Geographic Education (1996-1997); Southeastern Division of the Association of American Geographers (1995-1999); African Studies Association (2000-2001); Safundi (South African and American Comparative Studies).

**RESEARCH INTERESTS & SPECIALTIES:** Water Resources Management, Sanitation and Health Issues, and HIV/AIDS Education in South African Squatter Settlements; Drought Preparedness and Response Planning, Environmental and Water Resources Management; Development of interdisciplinary and international educational/research partnerships; Director, Organizer, and MTSU Leader of Study Abroad trips to South Africa and Swaziland (1997, 1998); India and Nepal (1999); Australia (2000); and India and Nepal (2001). MTSU Faculty Led Cultural Landscapes of Spain (2014), MTSU Faculty Led

Indigenous Inspirations in Nayarit, Mexico (upcoming Spring Break, 2015), MTSU Faculty Led Cultural Landscapes of Spain (upcoming May 2015), MTSU Faculty Led Humanitarian trip to Nepal (December 2015-January 2016).

**ACCOMPLISHMENTS:** Co-authored 7 \*project reports to the Army Corps of Engineers, Ft. Belvoir, Virginia. Managed projects including environmental water resources management, drought planning and conservation, finance and budgeting, Operations and Maintenance and database management; and standardizing evaluation procedures for hydropower stations throughout the U.S.; Co-authored 4 project reports on water resources planning and management to Tyndall Air Force Base, Florida; Co-authored 2 drought reports to Metropolitan District of Southern CA. Co-authored 80 conference \*presentations both nationally and internationally, as research director of the US-South Africa partnership (1999-2003); Gained tenure and full professor status at Middle Tennessee State University; Trained, motivated, and directed 60 undergraduate and graduate students through special projects and internships in research and accompanied them to national conferences to conduct presentations in Chicago, Boston, Fort Worth, Pittsburgh, NY, LA, Hawaii, New Orleans, Denver, Las Vegas, Washington DC, Seattle, Tampa.

\*Complete list of consultant report titles and conference presentation titles available on request.