

NADINE ANDREA BROWN

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PROFILE

Experienced Geographic Information Systems (GIS) Analyst with expertise in

- GIS Data Conversion, Implementation and Management
- Spatial Analysis
- GIS Training
- Disaster Impact Assessment

Self-motivated professional with strong communication, presentation, analytical, coordination and organisational skills. Team player, proficient in ESRI Suite of products.

ACCOMPLISHMENTS

Automated Data Conversion & Quality Control

- Conducted data conversion and supervised quality control exercises on large scale mapping projects.
- Instrumental in the development of quality control standards for the development of a digital cadastral index for Jamaica.
- Collaborated with consultants of the Portmore to Clarendon Park Highway 2000 Corridor Development Plan in the preparation of digital maps of squatter settlements, special area and water resources related maps for the study area.

GIS Implementation and Maintenance

- Developed a comprehensive GIS database for the PIOJ consisting of over 70 socio-economic and environment related datasets
- Developed and maintain an online GIS Data Catalogue of PIOJ datasets
- Initiated the inclusion of maps in the Economic and Social Survey of Jamaica (ESSJ), PIOJ's flagship document since 1999.
- Instrumental in the successful development of a comprehensive GIS database in the Ministry of Health and the development of the *HealthGIS* software.

GIS Training

- Prepared and delivered training in Introductory GIS courses to private and public sector staff in for the Land Information Council of Jamaica (LICJ) for over 12 years.
- Prepared and successfully delivered training of teachers for the GIS Education in Schools Programme in Jamaica for 5 years
- Prepared and delivered Introduction to GIS training for staff of the Planning Institute of Jamaica (PIOJ).
- Organized training programmes in ArcInfo for digitizing technicians in the Land Information Systems (LIS) Unit at the Survey Department.
- Received Award for Outstanding Contribution to GIS Training and Education - Land Information Council of Jamaica (2009)

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Other

- Conceptualised and coordinated the publication of an online bi-annual Sustainable Development Newsletter for the Sustainable Development & Regional Planning Division of the PIOJ.
- Conceptualised and initiated the inclusion of a report on the status of GIS and its use by public sector agencies for the Sustainable Development chapter in the ESSJ since 2002
- Instrumental in the preparation of the Socio-Economic and Environmental Impact Assessment reports for six hurricanes and tropical storms.
- Authored and co-authored the following papers: Evaluating GIS Growth in Jamaica, 2006 and Implementing a Public Health GIS in Jamaica, 2002
- LICJ - Most Outstanding GIS Professional (2007)

EDUCATION

- 2010** **Certificate** - Multi-Hazard Risk Assessment (ITC)
- 2008** **MSc. Computer Based Management Information Systems** (University of the West Indies, Mona Campus, Jamaica)
- 1996** **MSc. Geographic Information Systems for Urban Applications**
The International Institute for Aerospace Surveys and Earth Sciences (ITC)
The Netherlands
- 1992** **Diploma, Land Surveying**
University of Technology, Jamaica (Formerly CAST)

EXPERIENCE:

Title/Date: Part-time Lecturer, Introduction to GIS Course (Msc. In Demography),
Institution: UWI, Mona. 2009 – present

Title/Date: Part-time Lecturer, Introduction to Managing GIS (certificate course)
Institution: Caribbean Institute of Technology, July 2010 - present

Title/Date: Geographic Information Systems Analyst, 1998-present
Company: Planning Institute of Jamaica

Title/Date: Geographic Information Systems Analyst/Production Manager, 1996-1998
Company: Land Information Coordinator, 1994-1996
The Survey Department

Title/Date: Junior GIS Engineer, 1992 - 1994
Company: Digimap Limited