



**Project Officer: Needs Assessment (GIS) for the City of Dakar  
Sustainable Cities: PLUS Network  
Open until filled**

Location: Dakar, Senegal  
Start date: Mid-August 2010  
Internship length: 6 months

**Organization background:**

Sustainable Cities is a Canadian non-governmental organization and registered charity with a mission to promote sustainable urban development around the world through practical demonstration projects, peer learning networks, affiliations and high profile events. Over the past 17 years, Sustainable Cities has received international recognition for its contribution to addressing the linkages between environmental degradation, poverty and social inequity. Sustainable Cities promotes good governance through capacity building with grassroots community organizations and local governments to improve human settlements and the quality of urban life in cities in the developing world. Sustainable Cities' projects advance environmental sustainability through participatory multi-stakeholder processes that involve municipal councils, community organizations and the private and academic sectors working together to build sustainable livelihoods and communities.

Sustainable Cities is the Secretariat for the Sustainable Cities: PLUS Network (Partners for Long-term Urban Sustainability), an international peer learning Network of cities sharing experiences, expertise and tools to undertake long term planning for urban sustainability. To date, the Network is comprised of 40 cities worldwide in Africa, North America, Central America, South America, Asia and Australia.

**Project Description:**

The Project Officer: Needs Assessment (GIS) intern will be placed in le Département d'aménagement urbaine (DAU) where s/he will assist the City of Dakar and its partners with their long-term plan to establish a GIS database for the city. The Project Officer will report directly to the Senior Program Coordinator in Dakar. Their key roles will be:

- To assist the municipality in the construction of its GIS program, including the acquisition and setup of hardware, software and database.
- To conduct staff training and workshops to assist municipal staff in the acquisition of basic GIS techniques.

**Additional Responsibilities:**

- Assist in the ongoing activities of the establishment of a municipal GIS database
- Work with local stakeholders to identify and categorize existing sources of GIS data
- Establish relationships with local organizations that are potential sources of new GIS data
- Provide support to the GIS Stakeholder Committee and municipal technical staff
- Provide updates about project activities in Dakar on the PLUS Network website
- Submit regular progress reports to Sustainable Cities' staff and local Project Managers in both French and English
- Assist the Program Coordinator in conducting baseline data monitoring and evaluation, as per project reporting obligations to CIDA

**Qualifications:**

Funding for this internship requires that all candidates be:

- Between the ages of 19 and 30 as of July 26<sup>th</sup> 2010;
- A Canadian citizen or permanent resident;
- A post-secondary graduate - graduate of a degree or diploma program from a university, college, post-secondary school of technology, post-secondary institute or a CEGEP (collège d'enseignement général et professionnel);
- Out of school with no coursework to complete;
- Unemployed or underemployed;
- Legally entitled to work in Canada.

Additional criteria for this position include:

- Fluent in French and English
- Education and experience in urban planning, geography or environmental studies with an emphasis in GIS
- Education and/or experience in international relations and cross-cultural skills
- Knowledge of ArcGIS
- Ability to design databases and manage data with relational database management programs (e.g. Oracle, Informix, Dynamic Server, or Microsoft SQL server)
- Experience with system architecture design
- Previous work experience at a municipal GIS program would be preferred
- Ability to be self-directed and work collaboratively with colleagues, partners and counter-partners in a complex environment
- Excellent organizational, research and report writing skills
- Strong communication and interaction skills (public presentation and facilitation skills)
- Professional and personal commitment, flexibility and adaptability to handle new situations and challenges, and the ability to live and work in another culture with an approach that values two-way learning and mutual respect

Please note: This is not a salaried position; the intern will receive a stipend of \$12,000 to cover living expenses and costs related to travel, training, insurance and visas.

Successful candidates must be able to participate in a pre-departure training session July 26<sup>th</sup> – 30<sup>th</sup> 2010 in Vancouver, with the expectation of being placed in the field in mid August 2010.

If you are interested in this opportunity, please see [sustainablecities.net](http://www.sustainablecities.net) to learn more about Sustainable Cities and the PLUS Network. Important application instructions are available at <http://www.sustainablecities.net/projects-overview/youth-engagement/youth-internships>

We thank all those who apply, however, only those selected for an interview will be contacted.

**CLOSING DATE: Open Until Filled**