

WOMEN'S SPACES PROJECT YOUNG PROFESSIONAL PLACEMENT DESCRIPTION 2024

Young Professional Volunteer Title: Database Administration Officer

Host Organization: Mazingira Institute

Location: Nairobi, Kenya

Project: Women's Spaces: Implementing Equal Rights to Land, Housing and Livelihoods

Work Period: Six (6) months - Volunteer Program

Project Description:

Rooftops Canada Women's Spaces project is contributing to the enhanced implementation of women's equitable rights to and control over land, housing, and livelihoods in urban environments in Angola, Kenya, South Africa, and Uganda. WSP will also contribute to poverty reduction and deliver meaningful change to poor and vulnerable women and girls living in urban and peri-urban informal settlements. The project is implemented by rooftop partners in the countries. This project is directly aligned both with Canada's Agenda 2030 commitments and its Feminist International Assistance Policy (FIAP). WSP is financially supported by Global Affairs Canada (GAC).

Overview of YP Placement

Young Professionals is a major focus of the Women Spaces Project, especially as it relates to enabling Mazingira Institute to achieve the project objectives. Mazingira is working with Nairobi City County to increase women's livelihoods related to urban agriculture and food security activities. The Database Administration Officer will test and implement the newly developed Nairobi City County urban agriculture and food system database. The objective is to enhance the implementation of women's equitable rights to and control over land for urban agriculture and food system activities in Nairobi. The project is targeting women, men, and youth from low-income areas.

Over six months, the YP will be engaged in a list of responsibilities. Rooftops Canada will cover the costs (travel, visas, insurance, and vaccination where necessary) associated with the placement as well as provide a decent stipend throughout the placement period.

Job Description:

- Working with database software to find ways to store, organize, and manage data for the institute:
 - Testing and modifying databases to ensure that they operate reliably
 - Ensuring that databases meet user requirements
 - Providing user training, support, and feedback
 - Implementing security measures
 - Archiving data

- Assisting with database review:
 - Defining objectives through a consultation with staff at all levels
 - Writing reports, documentation, and operating manuals
 - Writing disaster recovery plans
 - Designing maintenance procedures and putting them into operation
 - Writing disaster recovery plans

- o Designing maintenance procedures and putting them into operation
- o Liaising with programmers/developers, applications/operational staff, and other technical staff

Qualifications:

- A bachelor's degree in computer science or a related field.
- Advanced certification as an MCDBA or MCSD for .NET is advantageous.
- Practical experience in database management would be an added advantage.
- Proficiency in data manipulation languages, including MS SQL, Oracle Database, Hadoop, or PostgreSQL.
- Up-to-date with trends and developments in database administration.
- Strong working knowledge of issues related to poverty, gender, international development and/or human settlements.
- Analytical mindset and good problem-solving skills.
- Highly organized and responsible.
- Capable of working under pressure.
- Excellent verbal and written communication skills.
- Good cross-cultural communication and interpersonal skills.
- Ability to work both independently and within a team context to meet overall project goals and objectives.

About Mazingira Institute (MI)

Mazingira Institute (MI) is a Civil Society Organization that works in human development, habitat, environment, human rights, and governance. It was awarded a UN-Habitat Scroll of Honour for its long engagement in land and housing rights. In 2004, MI helped establish the Nairobi and Environs Food Security, Agriculture and Landscape Forum (NEFSALF), and as its secretariat has coordinated training, outreach, and advocacy work to support over 900 urban farmers. This has resulted in a strong partnership with the Nairobi local authority which is the basis for project work to secure land and other support for urban farmers, especially women. RC-AI and MI have collaborated for many years on various themes including gender equality and land rights; cooperatives and shelter; democratization; civic strengthening and human development; urban food security; and building regional human settlements networks. MI serves as the Habitat International Coalition Anglo-Africa regional focal point. MI's strong networks will contribute to strengthening the project's regional and global collaboration and learning outcomes.

About Rooftops Canada:

Rooftops Canada-Abri International (RC-AI), the international development program of Canadian co-op and social housing organizations, has 35 years of experience and partnerships in SSA, including over \$30 million in Government of Canada project co-funding. It has helped influence policy and develop highly innovative practices related to housing development, management, and finance; responses to HIV/AIDS; local economic development; linking urban food security, urban agriculture, and housing spaces; while consistently mainstreaming gender equality, human rights and participatory governance. That expertise will help guide project implementation through a Project Steering Committee. RC-AI will also manage short-term TAs from the Canadian non-profit housing sector, related legal rights organizations, and some regional sector specialists; learning exchanges to and from Canada and within SSA; and a communications program with the Canadian co-op and social housing sector.