



World Vegetable Center

**Position Announcement
Postdoctoral Scientist –
Understanding African vegetable
diversity**

Introduction

The World Vegetable Center (WorldVeg) is a non-profit, autonomous international agricultural research center with headquarters in Taiwan and regional offices in Africa and Asia. WorldVeg conducts research and development that contribute to realizing the potential of vegetables for healthier lives and more resilient livelihoods. The Center implements its science for development agenda through three outcome-oriented 'flagship programs': Safe and Sustainable Value Chains, Healthy Diets, and Vegetable Diversity and Improvement, and one cross-cutting flagship program: Enabling Impact. For more information, please visit our [website](#).

WorldVeg holds the world's largest collection of vegetable germplasm in the public domain. The Center has vegetable breeding programs in Asia and Africa, has strong connections to the seed sector, and is well-placed to develop improved cultivars with traits for tolerance to biotic and abiotic stresses, enhanced shelf life, improved nutrient content and quality. The Center is currently modernizing its research infrastructure and is strengthening its collaborations with advanced research institutions and universities.

The Job

WorldVeg seeks to employ a Postdoctoral Scientist – Understanding the diversity of African vegetables.

The Postdoctoral Scientist will be based at WorldVeg headquarters in Shanhua, Tainan, Taiwan and be responsible for the compilation, processing and analysis of geographic, phenotypic and genomic data to map and understand the diversity of priority African vegetables. The Postdoctoral Scientist will report to the Genebank Manager of WorldVeg.

The position is open for nationals of Taiwan only.

Key job responsibilities

- Analyze and compile genomic, phenotypic data and geographic information of African vegetables;
- Coordinate genotyping of DNA samples of African vegetables;
- Develop methodologies and tools to standardize data collection during germplasm collecting missions;
- Develop protocols and experimental designs to facilitate phenotyping across different locations;
- Participate in a yearly capacity building event in Southern Africa to train partners and students in genomic and phenotypic diversity analysis of African vegetables;
- Publish research results in peer-reviewed journals;
- Contribute to concept notes, proposals and project reports in collaboration with internal and external partners; and
- Perform any other duties as required by the needs of the Center and as directed by the supervisor.

Skills and requirements

Candidates must have a PhD degree in horticulture, botany, plant biology or a related field and have strong skills in scientific writing, genomics, phenotyping, statistics (R programming), and experimental design. The person must have strong communication skills in spoken and written English. The candidate must be able to work with multidisciplinary teams in a multicultural and multinational environment.

The Reward: This Postdoctoral position has a competitive pay and benefits. The appointment is for three years. The position is expected to become available from January 2021.

How to Apply: Applicants should submit a letter of application explaining their suitability for and interest in the position along with a curriculum vita, names and addresses (including telephone/ e-mail) of three referees, and date of availability to jobapply@worldveg.org before November 5th 2020. Please mention the position title in the subject line.