The World Vegetable Center (WorldVeg) is a non-profit, autonomous international agricultural research center with headquarters in Taiwan and five regional offices around the globe. WorldVeg conducts research and development programs that contribute to realizing the potential of vegetables for healthier lives and more resilient livelihoods. For more information, please visit our website: worldveg.org

WorldVeg seeks to recruit a highly motivated Research Assistant with good analytical skills to investigate plant stress responses in vegetable crops using phenomics and genomics tools to join the Vegetable Biodiversity and Improvement Team at its Headquarters in Shanhua, Tainan, Taiwan.

This is a nationally recruited position and is open for Taiwanese nationals only.

Key Responsibilities:
- Conduct field and controlled condition experiments to characterize traits associated with abiotic stress tolerance in vegetable crops.
- Apply digital phenotyping techniques including 3D laser sensors and image analysis tools to assess the response of vegetables to abiotic stress.
- Develop and apply bioinformatics pipelines for analyzing phenomics and genomics data, contributing to the understanding of stress tolerance mechanisms of vegetable crops.
- Provide support and training in bioinformatics analyses to students and staff, develop bioinformatics capacity, and foster knowledge transfer among WorldVeg and partners.
- Contribute to reports, and peer-reviewed journal articles and share research findings and insights with the broader scientific community.
- Perform any other duties as required by the needs of the Center and the Supervisor.

Required Qualifications:
- Master's degree in Horticultural Life Sciences, Plant Science, Agronomy, Bioinformatics, or a related field.
- Experience in deploying digital phenotyping tools and field screening of plants for abiotic stress tolerance.
- Proficiency in programming languages such as R or Python and experience with bioinformatic tools and software. Experience in AI-based data analysis is a plus.
- Good reporting and communication skills in Mandarin and English enabling effective communication within diverse research teams and facilitating collaboration.

The Reward: This is a Nationally Recruited Staff (NRS) position with competitive pay and benefits.

The candidate we hire will embody WorldVeg's Five Core Values:

1. *Dedication to Innovation and Knowledge Sharing*	Supports the conduct of world-class science, respects ethical standards, and is committed to transparently sharing results.
2. *Commitment to Impact*	Aspires to achieve positive, tangible, and lasting impact contributing to Sustainable Development Goals.
3. *Commitment to Partnerships*	Believes in the value of partnerships to advance research for development.

4. Respect for People	Respect the diversity of gender, culture, ethnic origin, religion, age, beliefs, and views.
5. Respect for the Environment	Strives to minimize its environmental impact and to introduce greener technology and practices.

How to Apply: Applicants should submit a letter of application explaining their suitability for and interest in the position along with a curriculum vitae in English, a recent passport-size photograph, names and addresses (including telephone/fax/e-mail) of three referees, and date of availability to jobapply@worldveg.org or the job bank site before **31 May 2024**. Please mention the position title in the subject line.