

Arid Land Research Center, Tottori University
Vacancy Announcement for a Project Researcher

The details of the vacancy information are as follows:

1. Background of the recruitment

The Arid Land Research Center (ALRC) is a research institution affiliated to Tottori University, and it serves as a “Joint Usage/Research Center” in the field of dryland science. Please visit our web-site for the further details: http://www.alrc.tottori-u.ac.jp/english/e_index.html.

The Arid Land Research Center will launch a Science and Technology Research Partnership for Sustainable Development (SATREPS) project under the title of “**Development of Climate Change Resilient Innovative Technologies for Sustainable Wheat Production in the Dry and Heat Prone Agro-Ecologies of Sudan and Sub-Saharan Africa**”.

To enhance its activity, we would like to hire an excellent project researcher.

2. Ideal candidate

Interested in research "Development of Climate Change Resilient Innovative Technologies for Sustainable Wheat Production in the Dry and Heat Prone Agro-Ecologies of Sudan and Sub-Sahara Africa (SATREPS-Sudan Project)", have genetic and molecular biological knowledge and skills for research, and can work in the field abroad.

3. Qualifications

- (1) Possess a doctoral degree (Possible acquisition).
- (2) Outstanding achievements in academic fields related to "2. Ideal candidate".
- (3) Ability to work collaboratively with research organizations (Professor Hisashi Tsujimoto) .
- (4) For Japanese, ability to communicate in English. For foreign nationals, ability to communicate simply in Japanese.

4. Term of employment

November 1, 2022-March 31, 2023. but expected to extend yearly, until March 31, 2024. Weekday 5 days of work. (8:30-17:15, 7 h 45 min actual working hours) Start date is negotiable.

5. Treatment

- Conditions of employment including salary are subject to the regulations of Tottori University
- Eligible to apply for Grant-in-Aid for Scientific Research

6. Documents required:

- (1) Dossier (use the attached form) – 1
- (2) A summary of your main research achievements and future research plan under the project (About 1 page of A4 size paper)
- (3) Two people who can provide feedback on the candidate and their contact information

7. Application Deadline : August 31, 2022 (Application must arrive no later than 5pm JST)

**Submitted documents will not be used for any purpose other than the selection process.

**Submitted documents will not be returned.

**Application documents can be submitted via e-mail.

8. Screening system:

After document screening, interview candidates as necessary (Skype, etc. for far away).

** Selection results will be notified regardless of acceptance or rejection.

9. Send and contact information:

Prof. Hisashi TSUJIMOTO

Arid Land Research Center, Tottori University

1390 Hamasaka, Tottori, 680-0001 JAPAN

E-mail: tsujim@tottori-u.ac.jp

Tel. +81-857-21-7213

4. Books or Chapter in a Book

Books mean independent academic and/or technical material published by a publisher or research institution, such as a textbook, a book of reference, translations and dictionaries, excluding periodicals. Please list the names of all authors (underline your name), Title, ISBN, (If co-authored, please describe the chapter, paragraph and pages you contributed), Publication number, Editor(s), Publisher, Place of Publication and Year.

Please follow the example below:

- 1) Jones, D. E., Baum F. and Tottori, I.: Nitrogen fixation in cropping systems in dry lands. *In* Dryland Science—Today and Tomorrow (Edited by Walker, S. et al. ISBN 987-6-5432-1098-7). Academic, Tokyo, pp. 36-56 (2006)

* Please list your publications in order from the oldest one to the latest one.

5. Refereed Publications

A. Published or accepted articles in academic journals of the Science Citation Index (SCI).

Please provide the following.

- 1) Names of all authors (underline your name), Title, Name of Journal, Volume Number, Page range, Impact Factor (2016), Year of publication

Example:

- 1) Tottori, I., Hamasaka, T. C. and Tanaka, J.: Enhanced tolerance to drought stress in transgenic plants overexpressing dehydroascorbate reductase in cytosol. *Journal of Physiology*, 10: 234-244, IF=1.709 (2010)

*SCI journals refer to the academic journals listed on the Web of Science databases such as Science Citation Index (SCI), Social Science Citation Index (SSCI), and Arts and Humanities Citation Index (AHCI) provided by Thomson Scientific (formerly ISI).

*Impact Factor (IF) refers to the frequency with which the journals listed on Journal Citation Reports (JCR) has been cited in a particular year.

* Please list your publications in order from the oldest one to the latest one.

B. Published or accepted in any journal other than SCI journals.

Please provide the following.

- 1) Names of all authors (underline your name), Title, Name of Journal, Volume Number, Page range, Year of publication

Example:

- 1) Tottori, I. and Hamasaka, T. C.: Water management technologies in drylands, *Journal of Arid Land Science*, 61: 779-784 (2008)

* Please list your publications in order from the oldest one to the latest one.

C. Title of applicant's Doctoral Thesis

6. Reviews, Research Reports, Proceedings, etc.

Please describe them as in items 4 & 5.

7. Patents and Innovations

(1) Patents

Patent must include the applicant's name as the inventor. Please indicate the country name, publication number and title.

(2) Innovations

Please describe innovations and/or techniques invented/developed by the applicant.

8. Other Achievements and Performances

(1) Up to ten (10) appreciable academic achievements including Research Reports, Abstract of Academic Conference, etc. categorized according to each subject. Please describe them as in items 4 & 5.

(2) Up to five (5) experience of academic exchange with foreign research institutes.

The period, region, institution of oversea country, the name of the project, title of the position held in the project such as coordinator, research content and corresponding achievements should be described.

(3) Up to five (5) achievements of educational activity, human resource development and social action program:

Please describe the applicant's achievements of educational activity, human resource development and social action program. For example, subjects in applicant's charge, research guidance, activities in committee outside of an academic society and activities in any associations.

9. Membership and Services in Professional Societies

Names of Academic Associations and Groups, applicant's position and period should be described. (e.g. Chairman / Director / Editor and the period)

10. Outstanding Achievement

Recognitions by Academic Society, Prizes won, Educational and Research Activities abroad and Collaborative Activities should be described.

11. External Research Funds Raised

Please list the external funding grants received, including funding period, project title and applicant's role in the project (e.g., project leader or member) for the last 10 years.

12. References

Please list two individuals who know the applicant well. These individuals' contact information such as mailing address, phone number and e-mail address should be provided as well.