

鹿大「進取の精神」支援基金 2022年度留学生受入推進事業
研究留学生受入推進プロジェクト 報告書

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1. 申請者（所属・職名・氏名）	農学部・教授・一谷勝之
2. 受入留学生 （国・大学・学年・氏名）	(1) タンザニア・セントオーガスティン大学タンザニア (SAUT)
	2年・Waydael Sulle
3. 留学生受入期間	2022年 9月～ 2023年 3月
4. プログラム研究分野	施設園芸, 農業経営, 伝統作物
5. 本プログラムの目的と概要と成果（申請者／日本語）	
<p>目的：鹿児島県の農業と伝統作物を知る。</p> <p>概要：留学生は母校で経済学を専攻しており、温室を用いた農作物の栽培・農業経営に関心をもっていたので、本学の多くの教職員の協力を得て、鹿児島県内で温室を用いて農業を営んでいる農家を訪問し、温室栽培の特徴や経営の特徴に関してインタビューを行った。また、JA鹿児島経済連などを訪問して、鹿児島県全体の農業の動向を学んだ。また、伝統作物の栽培を行っている小学校を訪問して、伝統作物の維持方法を学ぶとともに小学生にタンザニアを紹介した。</p> <p>成果：様々な農家を訪問したことは留学生にとって大いに有益な経験であった。受入側にとって、日本(鹿児島)に長年住んでいると分からない新たな「気づき」を共有でき、留学生と交流した多くの人が国際交流に関心をもつきっかけとなった。留学生は母国の大学卒業後、鹿児島大学の大学院に進学して更に研究することを希望しており、日本のタンザニアの交流の架け橋になることが期待される。</p>	
6. <small>かごしまだいがく けんきゅうかつどう せい か</small> 鹿児島大学での研究活動と成果 (Student/English or Japanese)	
<p>Report on the stay in Kagoshima University as the exchange student for the academic year 2022/2023</p> <p>1. Introduction</p> <p>This report describes activities conducted by the exchange student (Waydael Sulle) in Kagoshima University. The exchange program started on 25th September 2023. The project conducted contains observing green house agriculture conducted in different areas in Kagoshima prefecture and participating in the activities involved in landrace vegetables distributed in Kagoshima prefecture.</p> <p>2 Academic activities during my stay in Kagoshima</p> <p>2-1 Observing green house agriculture conducted in different areas in Kagoshima prefecture</p> <p>I visited a total of six farmers running greenhouse agriculture with help of the following faculty members.</p> <ul style="list-style-type: none"> • Prof. Nishimura took me to (1) a green pepper farmer in Kanoya City and (2) a rose flower farmer in Kanoya City. • Prof. Nakano took me to (3) a vegetable farmer in Koyamada, Kagoshima City. • Prof. Shimizu took me to (4) a farmer growing seedlings of vegetables and flowers in Minami Satsuma City • Prof. Yutaka took me to (5) an eggplant greenhouse farmer in Kanoya City and (6) a green pepper farmer in Kanoya City. <p>Having been able to experience this exchange program, I was given a great experience to learn about a lot of things including greenhouse agriculture and other courses. Getting to know a lot of cases, which I never experience before, the exchange program gave me a lot of opportunities to visit different farmers conducting greenhouse agriculture in Kagoshima prefecture. This gave me a really understanding about greenhouse technology and how is it efficient in agricultural production, how is it profitable and what challenges it faces.</p> <p>2-2 Participating in the activities involved in landrace vegetables distributed in Kagoshima prefecture.</p> <p>(1) Tsurumaru elementary school, Hioki City</p>	

Prof. Nakano took me to Tsurumaru elementary school in January whereby we planted seeds of a watermelon landrace endemic to Kagoshima Prefecture. We are looking forward to its improvement, after that we start growing it inside greenhouse. Not only learning about greenhouse, but I also managed to present about Tanzania to the students using English language and little Japanese. It was wonderful experience.

I visited Kagoshima prefectural agriculture college whereby I was able to visit different greenhouses and participate in the buying and selling of their products at a day. This was interesting experience to me. Who took you to Kagoshima prefectural agriculture college?

2-3 Visiting Japan Agricultural Cooperation (JA)

(1) JA Kagoshima prefectural branch

(2) Oidon Ichiba Yojiro branch, a grocery store run by JA Kagoshima prefectural branch

(3) JA Kanoya branch

Prof. Fujimoto made arrangement with JA Kagoshima prefectural branch, and Prof Ichitani and Ms. Shibata, a master course student, took me there. There I had an interview with the staff members, whereby I learned a lot about how they do their activities, how they associate with farmers, the challenges they go through and how they solve them. In case of greenhouse, I got new knowledge that there is greenhouse agriculture that depends on heat from underground volcano (Onsen). This was a new and very interesting knowledge to me. I also visited Oidon Ichiba Yojiro branch, and saw different products from greenhouse such as strawberry, green pepper, small oranges, and tomato. I also tried to analyze prices of products.

Prof. Yutaka took me to JA Kanoya branch. There, the staff members showed me their sorting place of green pepper and eggplant.

3. Conclusion

During my stay I have managed to get just a little data for my project, and I couldn't complete my research due to time limitation and difficulty to access data from farmers. I wished to get more time to visit more farmers in Kagoshima prefecture during spring and summer season to complete my project if possible. Due to this I decided to ask permission for extending my stay in Kagoshima University for one more semester until September 2023. I am glad my request was considered kindly. All in all, this exchange program had been a memorable experience with abundant knowledge to learn. I enjoyed a lot and hopefully will get a chance to implement several things I learned here back to my country Tanzania.

4. Acknowledgments

Special thanks to my university for trusting me and sending me to Kagoshima university as an exchange student. I would like to thank all the people that I visited, including farmers, teachers and school students, staff members in JA. Special thanks to all professors who participated in my program in one way or another. Special thanks to all staffs of Kagoshima University, especially those of International Student Office and the Global Center, for their positive support since day one, specifically to Ms. Kurokawa and Ms. Hidaka for their abundant support even before my arrival to Japan until today.



Interview with a farmer in Minami Satsuma City



Activity in a classroom of Tsurumaru elementary school



Interview with staff members of JA Kagoshima prefectural branch