



外国出張報告書

平成 27 年 3 月 27 日

1. 出張国名 タンザニア・マダガスカル
2. 出張月 平成 27 年 3 月 10 日 ～平成 27 年 3 月 26 日
3. 出張目的 アフリカ稲作振興及びGRiSPプロジェクトに関わる共同研究推進：B
4. 成果の概要

The business trip combined meetings with AfricaRice partners in two ongoing projects with an exploratory visit to Madagascar to evaluate possibilities for future collaborations. At the East-African office of AfricaRice in Tanzania, I met with two project partners involved in joint activities related to breeding for P efficiency and to agronomic management of P deficient sites. Main project activities for the coming rice season were discussed and in addition we developed a strategy for QTL mapping using populations with highly P efficient African donors.

In Madagascar, I met with the four main players in the rice research sectors: FOFIFA, LRI (laboratory for research on isotopes), AfricaRice and JICA. We traveled to several rice growing areas in an attempt to identify experimental site limited by P deficiency or S deficiency and by iron toxicity. P deficient sites suitable for larger screening experiments were found throughout the country while clearly S deficient sites are more rare. We negotiated with farmers about the usage of their fields for future experiments and discussed how to proceed over the next 6 month in order to come up with a portfolio of sites with confirmed P and S deficiency.