

TAKU W. TSUSAKA, *Ph.D*

Permanent Residence: Flushing, Queens, New York 11369, USA

Permanent Email: takuji.tsusaka(at)gmail.com

AREAS OF EXPERTISE

Agricultural Economics
Natural Resources Economics
Poverty Reduction
Social Capital Formation
Technology Adoption
Ex-post Impact Evaluation
Gender in Smallholder Agriculture
Survey Methods
Spatial Econometrics
Monitoring & Evaluation
Corporate Management

GEOGRAPHICAL EXPERIENCE

Research: Malawi, Zambia, Tanzania, Ethiopia, Zimbabwe, Mozambique, India, Pakistan, Bhutan, Nepal, Sri Lanka, the Philippines, Indonesia, Thailand, China

Business: USA, France, Japan, South Africa, Kenya, etc.

EMPLOYMENT

He has worked for international organizations such as International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), International Rice Research Institute (IRRI), and Asian Institute of Technology (AIT), as well as Mars & Company in the private sector.

PROJECT EXPERIENCE

He has ever led and/or contributed to the following projects.

- PI: Ecotourism and Ocean Plastic Control: Vietnam & Thailand. [Toyota Foundation via HMBS].
- PI: Cassava Value Chain Project: Thailand. [IDE-JETRO].
- Co-PI: Training Program on Technology Clinic for Agro-Food Small and Medium-Sized Enterprises (SMEs), Thailand. [UNIDO & UNEP via CTCN].
- PI: Trade Hub: R Congo, DR Congo, Gabon, Cameroon, Tanzania, China, Brazil, & Indonesia. [UKRI via UNEP-WCMC].
- Analytical Advisor: Enhancing child nutrition through Smart Food: Myanmar [Australian Aid]
- Analytical Advisor: Feeding mid-day meals to Children: India [TAPF]
- Co-PI: Advancing the Development and Adoption of Post-Harvest Grain Legume Technologies by Smallholder Farmers. Malawi and Tanzania. [McKnight Foundation]

- Coordinator for ICRISAT: KULIMA, Improving the Access to and Use of Agricultural Research Innovations by Malawian Farmers. [EU & GIZ].
- PI: Reducing Drudgery and Increasing Efficiency in Groundnut Post-harvest Operations through Labor Saving Technologies. Malawi and Mozambique. [McKnight Foundation]
- Objective Leader: Harnessing Opportunities for Productivity Enhancement of Sorghum, Pearl Millet, and Finger Millet in Africa. Ethiopia and Tanzania. [BMGF]
- Team Leader for Malawi: Sustainable Agricultural Intensification Research and Learning in Africa. Malawi and Ethiopia. [UK Department for International Development].
- PI: Post-harvest loss assessment for groundnut using nationally representative on-time stakeholder interview approach, combined with on-farm assessment. Malawi. [CRP PIM].
- Chief Analyst: Nutrition, food safety, and complementary feeding trials. Malawi. [McKnight Foundation].
- Chief Analyst: Nutrition, food safety, and complementary feeding trials. Tanzania. [USAID].
- Team Leader for Zambia & Malawi: Impacts of Conservation Agriculture in Southern Africa. Zimbabwe, Zambia, & Malawi. [FAO].
- Focal Point: Gender impacts of groundnut post-harvest interventions. Zambia [CRP-PIM & USAID].
- Chief Analyst and Lead Author: Role of sorghum and pearl millet in subsistence farming systems. Mozambique. [CRP Dryland Cereals].
- Team Leader for Malawi: Economic impact assessment of groundnut technologies in Malawi. [CRP Grain Legumes].
- Chief Analyst and Lead Author: Pigeonpea trait preferences and food fuel system in southern Malawi [CRP Dryland Systems].
- Supervisor: Baseline assessment for Malawi Seed Industry Development Program for sorghum production in Southern Region and gender indicators in Central Region. Malawi [Irish-Aid].
- Analyst and Coauthor: Farmer-to-farmer dissemination of improved rice technologies among smallholder farmers. Tanzania [JICA & CRP RICE].
- Analyst and Lead Author: Social capital spillover among villagers: irrigated community vs. rainfed community [JICA & JIRCAS].
- Team Leader for the Philippines and Lead Author: Methods of tracking improved varieties in five countries in South Asia (India, Nepal, Bangladesh, Sri Lanka, Bhutan). [BMGF].
- Analyst and Lead Author: Assessment of NMRice. The Philippines [CRP RICE].
- Member and Coauthor: Demonstration of NMRice at demonstration plots. The Philippines [CRP RICE].
- Member and Coauthor: An African Green Revolution: Finding Ways to Boost Productivity on Small Farms. [World Bank, FASID].
- In addition, 13 confidential projects in the private sector.

TEACHING EXPERIENCE

He has ever taught or co-taught courses including:

Development Economics
 Natural Resources Economics
 Farm Management Economics
 Natural Resource Policy
 Statistics for Development Studies
 Quantitative Research Methods 2
 Quantitative Analysis using R
 Mathematics for Economics
 etc.

ACADEMIC DEGREES

He has attained higher degrees as follows:

Ph.D in Development Economics
Master of International Development Studies
Bachelor of Engineering in Applied Physics

PUBLICATION

He has published articles in international peer-reviewed journals including *World Development*, *Journal of Economic Behavior and Organization*, *Public Health Nutrition*, *Mycotoxin Research*, *Land Use Policy*, *European Journal of Development Research*, *Sustainable Production and Consumption*, *Environmental Management*, *Tourism Management Perspectives*, *Journal of the Science of Food and Agriculture*, *Ecology of Food and Nutrition*, *Toxins*, *Environmental Development*, *Nutrients*, *Processes*, *Remote Sensing*, *Journal of International Development*, *Water*, *Sustainability*, *Development in Practice*, *International Journal of Value Chain Management*, *Outlook on Agriculture*, *Heliyon*, and so forth.

In addition, he has published peer-reviewed working papers, conference papers, discussion papers, book chapters as well as donor project reports.

FUND RAISING

- Raised 3.135 million US dollars equivalent, in total for six projects in the public and private sectors.
- Co-raised 15.530 million US dollars equivalent, in total for nine projects in the public sector.

PROFESSIONAL REFERENCES

- **Keijiro Otsuka**, *Ph.D*
Kobe University
- **Valerien O. Pede**, *Ph.D*
IRRI
- **Kei Kajisa**, *Ph.D*
Aoyama Gakuin University
- **Alastair W. Orr**, *Ph.D*
ICRISAT
- **Cynthia M.S. Bantilan**, *Ph.D*
ICRISAT
- **Takashi Yamano**, *Ph.D*
ADB
- **Sylvia Szabo**, *Ph.D*
Dongguk University
- **Khondoker A. Mottaleb**, *Ph.D*
CIMMYT
- **Samarendu Mohanty**, *Ph.D*
CIP

NB: Contact information is available upon request.