

# **TAKU W. TSUSAKA, *Ph.D***

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## **EXTENDED 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 sites: Malawi, Zambia, Tanzania, Ethiopia, Zimbabwe, Mozambique, India, the Philippines, Sri Lanka.

Business experience: 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 ENGAGEMENTS**

- Co-Principal Investigator: 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].
- Principal Investigator: 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].

- Principal Investigator: 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 the following courses:

Natural Resources Economics  
 Statistics for Development Studies  
 Mathematics for Economics  
 Microeconomics  
 Econometrics

## 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*, *Journal of International Development*, *Water*, *Development in Practice*, *Asian Journal of*

*Agriculture and Development, Journal of Sustainable Development, Environmental Economics,* and so forth.

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

## COMMUNITY CONTRIBUTIONS

- Affiliations: IAAE (International Association of Agricultural Economists), AAEA (Agricultural and Applied Economics Association of the U.S.A.), AARES (Australian Agricultural and Resource Economics Society), etc.
- Reviewer for journals including *Journal of Rural Studies, Applied Economics Perspectives and Policies, Pakistan Journal of Agricultural Research, African Development Review, Agro-ecology and Sustainable Food Systems, Biomass and Bioenergy, etc.*
- Organizer of training sessions on electronic survey programming and administration for enumerators and scientists.
- Resource Persons for various workshops and training.
- Chair for the procurement committee.
- Chair for the division seminar organizing committee.
- Chair and reviewer for sections of conferences.
- Co-founder and former co-executive director of defunct Office T&T Inc.
- Co-founder and former board member for the NPO Happy Steps.
- Yoga and contemporary dance instructor.

## FUND RAISING

- Raised 2.7 million dollars in total for three projects in the public and private sectors.
- Co-raised 11.5 million dollars in total for six 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
- **Khondoker A. Mottaleb**, Ph.D,  
CIMMYT
- **Samarendu Mohanty**, Ph.D  
CIP

NB: Contact information is available upon request.