

## REFERENCES

- AKER, J. C. (2010). Information from Markets Near and Far: Mobile Phones and Agricultural Markets in Niger. *American Economic Journal: Applied Economics*, 2(3): 46-59. DOI: <http://www.aeaweb.org/articles.php?doi=10.1257/app.2.3.46>
- AKER, J. C., and MBITI, I. M. (2010). Mobile Phones and Economic Development in Africa. *The Journal of Economic Perspectives* 24(3): 207-232. DOI: [10.1257/jep.24.3.207](http://doi.org/10.1257/jep.24.3.207)
- AKLIN, M., BAYER, P., HARISH S. P., and URPELAINEN, J. (2018). Economics of household technology adoption in developing countries: Evidence from solar technology adoption in rural India. *Energy Economics* 72: 35-46. DOI: <https://doi.org/10.1016/j.eneco.2018.02.011>
- BEZA, E., REIDSMA, P., POORTVLIET, P. M., BELAY, M. M., BIJEN, B. S., and KOOISTRA, L. (2018). Exploring farmers' intentions to adopt mobile Short Message Service (SMS) for citizen science in agriculture. *Computers and Electronics in Agriculture* 151: 295-310. DOI: <https://doi.org/10.1016/j.compag.2018.06.015>
- BIRBA, O. and DIAGNE, A. (2012). Determinants of adoption of Internet in Africa: Case of 17 sub-Saharan countries. *Structural Change and Economic Dynamics* 23: 463-472. DOI: <http://dx.doi.org/10.1016/j.strueco.2012.06.003>
- BROMLEY, D. W. (2006). Sufficient Reason: Volitional Pragmatism and the meaning of economic institutions, Princeton University Press.
- BROMLEY, D. W. (2008). Volitional pragmatism. *Ecological Economics*, 68, 1-13. DOI: [10.1016/j.ecolecon.2008.08.012](http://doi.org/10.1016/j.ecolecon.2008.08.012)
- BUIS, M. L. (2011). The consequences of unobserved heterogeneity in a sequential logit model. *Research in Social Stratification and Mobility* 29: 247-262. DOI: [10.1016/j.rssm.2010.12.006](http://doi.org/10.1016/j.rssm.2010.12.006)
- BULLOCK, D. S., LOWENBERG-DEBOER, J., and SWINTON, S. (2002). Adding value to spatially managed inputs by understanding site-specific yield response. *Agricultural Economics* 27: 233- 245. DOI: [https://doi.org/10.1016/S0169-5150\(02\)00078-6](https://doi.org/10.1016/S0169-5150(02)00078-6)
- CARRER, M. J., FILHO, H. M., and BATALHA, M. O. (2017). Factors influencing the adoption of Farm Management Information Systems (FMIS) by Brazilian citrus farmers. *Computers and Electronics in Agriculture* 138: 11-19. DOI: <http://dx.doi.org/10.1016/j.compag.2017.04.004>
- CHAMBERS, R., PACEY, A. and THRUPP, L. A. (1994). Les Paysans d'abord. Les innovations des paysans et la recherche agronomique, Paris, Karthala.
- DAVID-BENZ, H., EGG, J., GALTIER, F., RAKOTOSON, J., SHEN, Y. and KIZOTO, A. (2012). Les systèmes d'information sur les marchés agricoles en Afrique subsaharienne. De la première à la deuxième génération, Collection Focales: 14, AFD, Paris.
- DE JANVRY, A., FAFCHAMPS, M., and SADOULET, E. (1991). Peasant household behaviour with missing markets: Some paradoxes explained. *Economic Journal* 101: 1400-1417. DOI: [10.2307/2234892](http://doi.org/10.2307/2234892)
- DE JANVRY, A., SADOULET, E., KYLE, E., AND DAR, M. (2015). L'adoption des technologies agricoles: quelles leçons tirer des expérimentations de terrain? *Revue d'économie du développement* 23(4): 129-153. DOI: [10.3917/edd.294.0129](http://doi.org/10.3917/edd.294.0129)
- DIEKMANN, F., LOIBL C., and BATTE, M. T. (2009). The Economics of Agricultural Information: Factors Affecting Commercial Farmers' Information Strategies in Ohio. *Review of Agricultural Economics* 31(4): 853-872. DOI: [10.1111/J.1467-9353.2009.01470.X](http://doi.org/10.1111/J.1467-9353.2009.01470.X)
- DUCHAUFOUR, H., RAZAFIMBELO, T., RAKOTOARISOA, J., RAMAMONJISOA, B. and RAKOTONDRAVAO B. (2016). Recherche interdisciplinaire pour le développement durable et la biodiversité des espaces ruraux malgaches. Application a différentes thématiques de territoire. Actes du projet FSP PARRUR « Partenariat et Recherche dans le secteur RURAL ». Antananarivo SCAC/PARRUR, Ed. MYE. p.400.
- FALL, F-S., KY, Y., and BIRBA, O. (2015). Analyzing the Mobile-Banking Adoption Process among Low-Income Populations: A Sequential Logit Model. *Economics Bulletin, Economics Bulletin*, 35 (4): 2085-2103. <https://halshs.archives-ouvertes.fr/halshs-01225149>
- FEWSNET (2017). Les fondamentaux du marché des denrées de base et du bétail au Burkina Faso. Famine Early Warning Systems Network (<http://www.fews.net>).
- GEBREMEDHIN, B., and SWINTON, S. M. (2003). Investment in soil conservation in northern Ethiopia: the role of land tenure security and public programs. *Agricultural Economics* 29: 69-84. DOI: [10.1016/S0169-5150\(03\)00022-7](http://doi.org/10.1016/S0169-5150(03)00022-7)
- GICHUKIA, C. N. and MULU-MUTUKU, M. (2018). Determinants of awareness and adoption of mobile money technologies: Evidence from women micro entrepreneurs in Kenya. *Women's Studies International Forum* 67: 18-22. DOI: <https://doi.org/10.1016/j.wsif.2017.11.013>
- HOLLENSTEIN, H. (2004). Determinants of the adoption of Information and Communication Technologies (ICT), An empirical analysis based on firm-level data for the Swiss business sector. *Structural Change and Economic Dynamics* 15: 315-342. DOI: [10.1016/j.strueco.2004.01.003](http://doi.org/10.1016/j.strueco.2004.01.003)
- INSD (Institut National de la Statistique et de la Démographie) (2015). Enquête multisectorielle continue (EMC) 2014, Alphabétisation et scolarisation. Burkina Faso. p.370.
- INSD (Institut National de la Statistique et de la Démographie) (2017). Annuaire Statistique 2016, Burkina Faso. p.65.
- KIDOLE, V. V. (2015). Contribution of rural electrification to household income in moshi district, Tanzania. University of agriculture, Morogoro, Tanzania. p.59.
- LARAICHI, S. and HAMMANI, A. (2018). How can information and communication effects on small farmers' engagement in groundwater management: Case of SAISS Aquifers, Morocco. *Groundwater for Sustainable Development* 7: 109-120. DOI: <https://doi.org/10.1016/j.gsd.2018.03.007>
- MA, W., RENWICK, A., NIE, P., TANG, J., and CAI, R.

- (2018). Off-farm work, smartphone use and household income: Evidence from rural China. *China Economic Review*. DOI: <https://doi.org/10.1016/j.chieco.2018.06.002>
- MANSFIELD, E. (1968). *Industrial Research and Technological Innovation*. Norton, New York.
- MARHASA (Ministère de l'Agriculture, des Ressources Hydrauliques, de l'Assainissement et de la Sécurité Alimentaire) (2016). *Stratégie de développement des filières agricoles au Burkina Faso*. Burkina Faso.
- MARKE, A. T. (2014). *Climate-Resilient Agriculture and Food Security, New Network Capabilities to Solve Global Problems*. Global Solution Networks.
- MBANDA-OBURA, S. A., TABU, I. M., AMUDAVI, D. M., and OBURA, R. K. (2017). Determinants of choice of agricultural information sources and pathways among sorghum farmers in ndhiwa sub-county, western kenya. *International Journal of Agricultural Extension* 5 (1): 39-49. <http://www.escijournals.net/IJAE>
- MINTEN, B., STIFEL, D., and TAMRU, S. (2012). Structural transformation in Ethiopia: Evidence from cereal markets. IFPRI-ESSP II Working Paper 39: <http://essp.ifpri.info/publications/#sthash.0cb1gig3.dpuf>.
- MOTHOBI, O., and GRZYBOWSKI, L. (2017). Infrastructure deficiencies and adoption of mobile money in Sub-Saharan Africa. *Information Economics and Policy* 40: 71-79. DOI: <http://dx.doi.org/10.1016/j.infoecopol.2017.05.003>
- MSOFFE, G. E. P., and NGULUBE, P. (2016). Agricultural Information Dissemination in Rural Areas of Developing Countries: A Proposed Model for Tanzania. *African Journal of Library, Archives & Information Science* 26 (2): 169-187.
- RASHID, S. and MINOT, N. (2010). *Are Staple Food Markets in Africa Efficient? Spatial Price Analyses and Beyond*. Food Security, Collaborative Working Papers, 58562, Michigan University.
- ROGERS, E. M. (1995). *The Diffusion of Innovations*. 4th Edition, Free Press, New York, NY.
- SAGITOVA, R. (2014). Students' self-education: learning to learn across the lifespan. *Procedia - Social and Behavioral Sciences* 152 : 272 – 277. DOI : [10.1016/j.sbspro.2014.09.194](https://doi.org/10.1016/j.sbspro.2014.09.194)
- SCHUMPETER, J. A. (1934). *The Theory of Economic Development: An Inquiry into Profits, Capital Credit, Interest, and the Business Cycle*, Cambridge, MA: Harvard University Press.
- SIYAO, P. O. (2012). Barriers in accessing Agricultural Information in Tanzania with a Gender Perspective: The Case study of small-scale sugar cane growers in Kilombero District. *Electronic Journal of Information Systems in Developing Countries*: 1-19. DOI: <https://doi.org/10.1002/j.1681-4835.2012.tb00363.x>
- SUBERVIE, J., and GALTIER, F. (2012). Systèmes d'Information de 2ème Génération en Afrique Sub-saharienne: Etudes d'impacts. CIRAD, INRA, AFD, CTA, p.76.
- SUBERVIE, J., and GALTIER, F. (2017). L'information sur les prix agricoles par la téléphonie mobile: le cas du Ghana. <[hal-01594670](https://hal.archives-ouvertes.fr/hal-01594670)>.
- TADESSE, G., and BAHIGWA, G. (2015). Mobile Phones and Farmers' Marketing Decisions in Ethiopia. *World Development* (68): 296-307. DOI: <http://dx.doi.org/10.1016/j.worlddev.2014.12.010>
- TAYLOR, M., and BHASME, S. (2018). Model farmers, extension networks and the politics of agricultural knowledge transfer. *Journal of Rural Studies* 64 : 1-10. DOI : <https://doi.org/10.1016/j.jrurstud.2018.09.015>
- VELANDIA, M., LAMBERT, D. M., JENKINS, A., ROBERTS, R. K., LARSON, J. A., ENGLISH, B. C., and MARTIN, S.W. (2009). Factors Influencing Selection of Information Sources by Cotton Producers Considering Adoption of Precision Agriculture Technologies. Selected Paper prepared for presentation at the Agricultural & Applied Economics Association 2009 AAEA & ACCI Joint Annual Meeting, Milwaukee, Wisconsin.
- WARREN, C. R., BURTON, R., BUCHANAN, O., and BINNIE, R. V. (2016). Limited adoption of short rotation coppice: The role of farmers' sociocultural identity in influencing practice. *Journal of Rural Studies* 45 : 175-183. DOI : <http://dx.doi.org/10.1016/j.jrurstud.2016.03.017>
- WORLD BANK (2005). *Information and Communication Technologies for Rural Development : Issues and Options*, Volume 1. Main Report and Annexes. Washington, DC. <https://openknowledge.worldbank.org/handle/10986/8316>
- WORLD BANK (2009). *Eastern Africa: A Study of the Regional Maize Market and Marketing Costs*, Technical report, BM, Washington, D.C.
- ZHOU, T., LU, Y., and WANG, B. (2010). Integrating TTF and UTAUT to explain mobile banking user adoption. *Computers in Human Behavior* 26: 760-767. DOI: [10.1016/j.chb.2010.01.013](https://doi.org/10.1016/j.chb.2010.01.013)