

CURRICULUM VITAE

Name: Arif Alam
Father name: Mir Ghazi
Present Address: COMSATS Institute of Information Technology, Abbottabad,
Mailing address: Department of Development Studies, COMSATS Institute of
Information Technology, Abbottabad, Pakistan
Cell #: +923445936554
Marital status: Married
NIC #: 71501-0217067-5
Domicile: Gilgit, Gilgit-Baltistan, Pakistan
Date of birth: 08-02-1980
E-mail: arifalam@ciit.net.pk, mirarif80@hotmail.com

Academics:

Ph.D. Production Sciences	2009-2012	The United Graduate School of Agricultural Sciences, Tottori University, Japan
M.S. Agri. Economics	2009	Faculty of Agricultural Science, Tottori University, Japan

Professional Experience

- Assistant Professor, Department of Development Studies, COMSATS Institute of Information Technology Abbottabad. 12-12-2012 to date.
- Teaching Assistant, Farm management and economic Laboratory, Faculty of Agriculture, Tottori University, Japan. 05-10-2007 to 20-9-2013.
- Associate Engineer, National Program for Improvement of Watercourses (NPIWC) in Diamer District, Gilgit-Baltistan, Pakistan. 03-03-2007 to 30-09-2007.

Technical Experience

- Frontier 4.1: Stochastic frontier approach (SFA), a parametric method for Cobb-Douglas production function, Technical efficiency analysis
- Data envelopment analysis (DEA) a nonparametric method in operations research and economics for the estimation of production frontiers. It is used to empirically measure productive efficiency of decision making units (DMUs).
- STATA
- SHAZAM (Production and cost functions)
- SPSS (Statistical package for Social sciences)
- Regression analysis (single/multiple regression, logit model, tobit model)
- All kind of Qualitative and Quantitative data analysis

Research/field experience

- Carrying out specified data processing and statistical techniques
- Extensive experience with analyzing quantitative data by using suitable statistical tools, techniques & software i.e. STATA, SPSS, and SHAZAM
- Performed complex analysis using primary and secondary data
- Construction of structural/conceptual & theoretical framework
- Field survey questioners
- Field surveying for collection of social, economic and environment related data
- Marketing of farm commodities
- Administration and management

Awards/ Scholarship

- Monbuscho Scholarship for M.S. Studies, Ministry of Education, Science and Culture, Japan, 2007-2009
- Monbuscho Scholarship for Ph.D. Studies, Ministry of Education, Science and Culture, Japan, 2009-2012

Publications

A. Thesis work

- A study on the effect of improvement of agriculture land use by using improved irrigation system in Northern Areas of Pakistan (2007-09). (MS Research)
- A comparative study of improved and traditional irrigation system in the Gilgit district of Northern Areas of Pakistan: From the farm management perspectives (2009-12) (Ph.D. Research) <http://jairo.nii.ac.jp/0112/00002694/en>

B. Refereed Journals

1. Faridullah, Ahmad, D., Shabbir, H., Ahmed, T., Irshad, M., **Alam, A.**, Sardar, A., 2017. Socio-demographic characters, distribution and transformation of iodine in soil, plant and wheat grains at District Diamer, Gilgit-Baltistan, Pakistan. *Environ Geochem Health*. Vol. 40 (2). 777-790. DOI 10.1007/s10653-017-0023-6.
2. Faridullah, Umar, M., **Alam, A.**, Sabir, M. A., and Khan, D. 2017. Assessment of Heavy Metals Concentration in Phosphate Rock Deposits, Hazara Basin, Lesser Himalaya Pakistan. *Geosciences Journal*. <http://dx.doi.org/10.1007/s12303-017-0013-9>
3. Ullah, E. I., Khayyam U., Razzaq, S., **Alam, A.** and Khan, A. R. 2016. Evaluating Drinking Water Contamination in Post Disaster Scenario and its Effects on Human Health: A Case Study of District Mansehra, Pakistan. *Transylvanian Review: Special Issue No. (9), Vol. XXIV*. 1244-1250.
4. Khan, W., Naza, A., Shah, I., Khan, F., and **Arif, A.**, 2016. Measuring Mission Drift in Emerging Economies: An Evidence from Pakistan Microfinance Network. *Journal of Applied Environmental and Biological Sciences*. Vol. 6 (6); 20-27

5. Faridullah, Waseela Qazi, **Arif Alam**, and Toqeer Ahmed. 2016. Study of potassium, calcium and magnesium in soil and rice irrigated from fresh and waste water canal. *Fresenius Environmental Bulletin*. Vol 25 (6); 2232-2242
6. Shah I, Naz, A., **Arif, A.** and Khan, A. (2016). An Explorative Correlational Study of Family Background and Students' Career Decision Making at Higher Secondary Level Students of Pakistan. *Transylvanian Review*. Vol. XXIV (8) 1078-1088
7. Asma Bibi, Umar Farooq, Qaisar Mahmood, **Arif Alam** & Nosheen Mirza (2016). Phytoextraction of Hg by Parsley (*Petroselinum crispum*) and its Growth Responses, *International Journal of Phytoremediation*, DOI: 10.1080/15226514.2015.1109590. Vol. 18, (4), 354–357
8. **Arif Alam**, Alias Bin Abdullah, Ihtisham Abdul Malik, Tengku Adeline Adura Tengku Hamzah & Faridullah. 2015. Environmental quality indicators and financial development in Malaysia: unity in diversity. *Environmental Science and Pollution Research*. 22(11): 8392–8404. DOI 10.1007/s11356-014-3982-5 (
9. Faridullah, Farid Ul Haque, Muhammad Irshad, **Arif Alam** & Akhtar Iqbal. 2015. Distribution and Extraction of Heavy Metals in Soil and Their Accumulation in Brassica oleracea L. after Long Term Wastewater Irrigation. *Journal of Agricultural Science*; Vol. 7, (6); 2015. 171-183
10. Faridullah, **Arif A.**, T. Ahmad, Z. A. Bhatti. 2015. Fractionation of phosphorus in human and animal wastes. *Minerva Biotechnologica*. 27 (2): 63-70
11. **Arif Alam**, Ihtisham Abdul Malik, Alias Bin Abdullah, Asmadi Hassan, Faridullah, Usama Awan, Ghulam Ali, Imran Naseem. 2015. Does financial development contribute to SAARC'S energy demand? From energy crisis to energy reforms. *Renewable and Sustainable Energy Reviews*. 41 (2015) 818–829
12. Muhammad Imran Qureshi, Amran Md. Rasli, Usama Awan, Jian Ma, Ghulam Ali, Faridullah, **Arif Alam** and Faiza Sajjad. 2015. Environment and air pollution: health services bequeath to grotesque menace. *Environmental Science and Pollution Research*. DOI 10.1007/s11356-014-3584-2 Vol 22 (5) 3467-3476
13. Faridullah, and **Arif Alam**. 2014. Distribution and evaluating phosphorus, potassium, calcium and magnesium in the fresh and composted poultry litter. *Bulgarian Journal of Agricultural Science (BJAS)*. Vol 20 (6) 2014, 1368-1374
14. Faridullah, Pervaiz A, Irshad M, **Arif Alam**, Mahmood Q and Ashraf M. 2014. Trace Elements Characterization in Fresh and Composted Livestock Manures. *Austin Journal Hydrology*: Vol 1(2):
15. Boubacar Siddighi Balde, Hajime Kobayashi, Ichizen Matsumura, Mohamed Esham, **Arif Alam** and Emmanuel Tolno. 2014. Land Use Change and their Determinants in the Coastal Areas of Guinea: A Study based on Spatial Analysis and Field Survey. *Journal of the Japanese Agricultural Systems Society*. Vol. 30 (3). 65-75

16. Asma Bibi, Umar Farooq, Nosheen Mirza, Afsar Khan, Rizwana Sarwar, **Arif Alam** and Qaisar Mahmood. 2014. Excessive chromium may cause dietary toxicity in parsley (*Petroselinum crispum*). *Toxicological & Environmental Chemistry*. 96 (2): 287-295 (**IF 0.723**)
17. Ihtisham Abdul Malik, Ghamz-e-Ali Siyal, Alias Bin Abdullah, **Arif Alam**, Phouphet Kyophilavong, Muhammad Shahbaz, Siraj Ullah Baloch, Tauqeer Shams. 2014. Turn on the lights: Macroeconomic factors affecting renewable energy in Pakistan. *Renewable & Sustainable Energy Reviews*. 38 (2014) 277–284
18. Faridullah, Aneesah Pervaiz, Sahira Hafeez, **Arif Alam**, Jian Ma, Syed Haider Shah and Amir Waseem. 2014. Evaluating nutrient elements and heavy in fresh and composted manure of different livestock. *Fresenius Environmental Bulletin*. 23 (8). 1773-1777
19. Nadia B., Amir H. M., **Arif Alam**., Himayatuallah K., Esham M. 2014. Impact of Modern Irrigation Practices on Farm Productivity in Arid Regions of Pakistan. *Journal of Food, Agriculture & Environment*. 12 (2): 676-679
20. Inamullah E. and **Arif Alam**. 2014. Assessment of drinking water quality in Peshawar, Pakistan. *Bulgarian Journal of Agricultural Science (BJAS)*. 20 (No 3) 2014, 595-600
21. **Arif Alam**, Hajime Kobayashi, Toshinobu Matsuda, Akira Ishida, Ichizen Matsumura and Mohamed Esham. 2012. Stochastic frontier approach to measure technical efficiency of two irrigation systems in Gilgit district, Gilgit-Baltistan region of Pakistan. *Journal of Food, Agriculture & Environment*, Vol.10 (1): 543-550
22. Fardullah, M. Irshad, Q. Mehmood, M. A. Sabir and **Arif Alam**. 2102. Leaching of phosphorus in soil after application of burned and unburned poultry litter. *Journal of Physical Science*. Vol. 7(5): 834-840
23. Faridullah, **Arif Alam** and Muhammad Irshad 2012. Leaching and mobility of heavy metals after burned and un burned poultry litter application to Japanese sandy and masa soils. *Bulgarian Journal of Agricultural Sciences*. 18(5): 733-741
24. Mohamed Esham, Hajime Kobayashi, Ichizen Matsumura and **Arif Alam** 2012. Japanese Agricultural Cooperatives at Crossroads: A Review. *American-Eurasian J. Agric. & Environ. Sci.*, 12 (7): 943-953
25. **Arif Alam**, Hajime Kobayashi, Ichizen Matsumura, Akira Ishida, Mohamed Esham and Faridullah. 2012. Technical efficiency and its determinants in potato production: Evidence from Northern Areas in Gilgit-Baltistan region of Pakistan. *International Journal of Research in Management, Economics and Commerce (IJRMEC)*, Vol. 2 (3): 1-17
26. **Arif Alam**, Hajime Kobayashi, Ichizen Matsumura, Mohamed Esham, Faridullah and Balde Boubacar Siddighi. 2012. Factors influencing farmers' participation in participatory irrigation management: A comparative study of two irrigation systems in Northern Areas of Pakistan. *Mediterranean Journal of Social Sciences*. Vol. 3 (9) 275-284
27. **Arif Alam**, Hajime Kobayashi, Ichizen Matsumura and Mohamed Esham. 2011. A comparative economic analysis of crop production between improved and traditional irrigation system: A case study of a village from Gilgit district in NAs of Pakistan. *Japanese Journal of Rural Problem*, Vol. (1) 47:132-137

28. Alias Abdullah, Hajime Kobayashi, Ichizen Matsumura and **Arif Alam**. 2011. Japanese Household Fresh Fruits Demand Pattern. *Trends in Agricultural Economics*: Vol. 4 (2) 42-49
29. Faridullah, **Arif Alam**, MD. Imtiaz Uddin, Hassan Sher and Issam Muhammad Ahmed, 2010. Comparison of different cultivars of Sorghum for Green fodder/Dry matter and some other morphological characters. *Bangladesh J. Env. Sciences*. Vol. 16 (2) 109-115
30. Faridullah, **Arif Alam**, Sadahiro Yamamoto, Nadar Khan and Toshimasa Honna, 2009. Screening for agronomic performance of six indigenous cultivars of Alfalfa (*Medicago Sativa*) at KARINA Northern areas Pakistan. *Electronic journal of Environmental Agriculture and Food chemistry*, (EJEAF Che). Vol. 8 (10) 950-968
31. Faridullah, **Arif Alam**, Muhammad Irshad, Jamil Khan, Abdur Rahman Khan, Hassan Sher and Kiramat Khan. 2009. Comparative Studies of different Pearl Millet (*Pennisetum americanum*) varieties as affected by different yield components. *Electronic journal of Environmental Agriculture and Food chemistry* EJEAFChe, 9 (9) 1524-1533
32. **Arif Alam**, Faridullah, Ahmed M. Aly and Mudassir Bilal, 2009. Sustainable Development and Management of Irrigated Land, Appreciation and Development of Irrigation System in Pakistan: Facts Finding Review. *Life Sci. Int. J.*, Vol. 3 (2) 1068-1072
33. **Arif Alam**, Faridullah, Waleed H.M. El-Hassan and Alias Abdullah, 2009. Land Use and Irrigation Management System in Northern Areas of Pakistan. *Life Sci. Int. Journal*, Vol. 3 (2) 1034-1041
34. Faridullah, **Arif Alam**, Sadahiro Yamamoto, Muhammad Irshad, Muhammad Qasim, Maraj Alam, Muhammd Din, Nadar Khan, MD. Imtiaz Uddin and Toshimasa Honna, 2008. Agronomic Performances of different Berseem Cultivars tested at KARINA Gilgit, Northern Areas Pakistan. *Life Science International Journal*, LSIJ. Vol. 2 (3) 707-713
35. Faridullah, Muhammad Irshad, **Arif Alam**, Sadahiro Yamamoto, MD. Imtiaz Uddin, Muhammad Qasim, Harun-or-Rashid and Zahoor Ahmed, 2008. Agronomic performance of different Cucumber genotype grown under plastic film as off-season cultivation in Northern Areas of Pakistan. *Bangladesh J. Env. Sci*. Vol. 14 (4) 33-40
36. Faridullah, **Arif Alam**, S. Yamamoto, Toshimasa Honna, Hajime Kobayushi and Ichizen Matsumura, 2008. Performance of some perennial grasses under climatic conditions of Juglote, Gilgit. *Life Science International Journal* LSIJ, Vol. 2 (4) 915-924

C. Paper Presented in International and National Conferences

1. **Arif Alam**, Hajime Kobayashi, Ichizen Matsumura Mohamed Esham and Faridullah. 2012. A comparative study of two irrigation systems based on farmers' satisfaction and level of participation in Northern Areas of Pakistan. *The Annual Meeting for Agricultural Economic Society of Japan, Kyushu University. March 30. 2012. pp 120*
2. **Arif Alam**, Hajime Kobayashi, Ichizen Matsumura, Mohamed Esham and Faridullah 2011. A study on the effect of improved irrigation on agriculture land use in northern Pakistan. *ICID 21st international congress on irrigation and drainage (15-23 October 2011), Tehran Iran*

3. Esham M., Kobayashi H., Matsumura I. and **Arif Alam**. Developing and Strengthening Farmer-Agribusiness Models in Sri Lanka: Lessons from Agriculture Cooperatives in Japan. *Faculty of Commerce and Management Studies, ICBI 2011*
4. **Arif Alam**, Hajime Kobayashi, Ichizen Matsumura and Mohamed Esham: A comparative economic analysis of crop production between improved and traditional irrigation system: A case study of a village from Gilgit district in Northern Area of Pakistan. *The 60th annual meeting of the association of regional agriculture and forestry economics, Kyoto University, Japan. (October, 2010)*
5. **Arif Alam**, Hajime Kobayashi, Ichizen Matsumura: A study on the effect of improvement of agriculture land use by using improved irrigation system in Northern Areas of Pakistan. *The annual meeting for agricultural economic society of Japan, Kyoto University. (March, 2010)*
6. Faridullah, Sadahiro Yamamoto, Tomoji Uchiyama, Muhammad Irshad, Tsuneyoshi Endo, Toshimasa Honna, **Arif Alam** and Zahoor Ahmed, 2008. Evaluation of Poultry Litter as Fertilizer in Sand dune Soil, 7-8 September 2008, *seminar on combating desertification and development in inland China. pp 43-44*
7. Alias A., Hajime, K., Ichizen, M., Toshinobu, M., Usami, K., **Arif Alam** and Ma Jian: Japanese Household Fruits Consumption Pattern, 1973-1991 and 1991-2006. *Japan Agriculture Economic Society Conference, Tsukuba University (Marh, 2009)*
8. Faridullah, S. Yamamoto, M. Irshad, T.Endo, A. Zahoor, **Arif A.** and T. Honna 2008. Recycling of organic waste for sustainable management of land degradation in dry areas. *Ninth International Conference on Development of Drylands 7-10 November 2008, Alexandria, Egypt.*

D. International Workshop/Seminars

1. A Two-Day International Workshop on: Post Conflict Peace building Strategies-Issues on Governance and Development in Emerging Democracies. 19-20 March 2015 Dhulikhel Lodge Resort, Dhulikhel, Nepal
2. A two-Day Special Seminar on Curricula Review of Conflict, Peace and Development Studies, 22-23 March, 2015. Hotel Indreni Himalaya, Pashupati Vision, Gaushala, Kathmandu: Organized by the Department of Conflict, Peace and Development Studies, Tribhuvan University, Nepal

E. In Hand Research Projects

S.#	Title and Place of Research	Donor Agency	Amount (Rs.)	Duration		Role As PI
				From	To	
1	Estimation of farm level technical efficiency in maize production in the high mountains North region of Pakistan	HEC	Rs. 0.5 Million	Feb, 2015	Jan, 2016	✓
2						