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Research Interests

- Risk management
- Productivity and efficiency
- Integrated modeling
- Technology adoption
- Irrigation water management

Current and Previous Positions

- 09/2010-date **Research Fellow (PostDoc).** Farm Management Group. Faculty of Agriculture and Horticulture. Humboldt-Universitaet zu Berlin, Berlin Germany
- 12/2010-12/2011 **Consultant on Integrated Modeling (part time).** International Center for Agricultural Research in the Dry Areas (ICARDA), Aleppo, Syria
- 11/2009-10/2010 **Post Doctoral Fellow, Agricultural and Policy Economist:** International Center for Agricultural Research in the Dry Areas (ICARDA), Aleppo, Syria. *Joint Position between ICARDA and IFPRI.*
- 01/2009-10/2009 **Researcher Fellow:** ZEF/UNESCO project. Economic and Ecological Restructuring of Land- and Water Use in the Region Khorezm, Uzbekistan
- 10/2004-12/2008 **Junior Researcher:** Center for Development Research (ZEF), Department of Economic and Technological Change, University of Bonn, Germany
- 06/2004-09/2004 **Expert for Institutional Development:** German Development Service (DED)/ German Agro Action(GAA), Khorezm, Uzbekistan

Educational Background

- 10/2004 –12/2008 **PhD:** University of Bonn, Faculty of Agriculture
- Thesis Title:* Modeling crop and water allocation under uncertainty in irrigated agriculture: A case study on the Khorezm Region, Uzbekistan

- 09/2002-10/2004 **MSc (Hons):** Network Economics (Agriculture and Irrigation), Tashkent Institute of Irrigation and Melioration, Tashkent, Uzbekistan
- 09/1998-10/2002 **BSc (Hons):** Economics, Urgench State University, Khorezm, Uzbekistan
Dissertation Title: The importance of small and medium businesses in Khorezm, Uzbekistan

Languages, IT Skills

- English (Fluent), Uzbek (Mother tongue); Russian (Fluent); German (communication), Turkish (communication)
- Windows NT, XP, Microsoft Office (all programs), GAMS, SIMITAR, @Risk, R, STATA, ArcMap, general knowledge with models such as APSIM, CropSyst

Publications

International Peer-Reviewed Journals

- Djanibekov, N., Van Assche, K., Bobojonov, I. and J.P.A. Lamers (2012): Farm Restructuring and Land Consolidation in Uzbekistan: New Farms with Old Barriers. *Europe-Asia Studies*, 64 (6): 1101-1126.
- Bobojonov I.; J. Franz; E. Berg; J. P. A. Lamers; C. Martius. (2010). Improved Policy Making for Sustainable Farming: A Case Study on Irrigated Dryland Agriculture in Western Uzbekistan. *Journal of Sustainable Agriculture*, 1540-7578, Volume 34, Issue 7, 2010, Pages 800 – 817
- Franz, J.; Bobojonov, I.; Egamberdiev, O. (2010). Assessing the economic viability of organic cotton production in Uzbekistan: a first look. *Journal of Sustainable Agriculture*. 1540-7578, Volume 34, Issue 1, 2010, Pages 99 – 119
- Lamers, J., Bobojonov, I., Khamzina, A., Franz, J. (2009) “Financial analysis of small-scale forests in the Amu Darya Lowlands of rural Uzbekistan” *Forests, Tress & Livelihoods*, Vol 18 – 4

Book Contributions

- Bobojonov I, John P.A. Lamers, Djanibekov N., Ibragimov N., Begdullayeva T., Ergashev A.K., Kienzler K., Eshchanov R., Rakhimov A., Ruzimov J., and Martius C. (2012): Crop diversification in Support of sustainable Agriculture in Khorezm. In: Martius C, Rudenko I, Lamers JPA, Vlek PLG (eds) *Cotton, water, salts and Soums: economic and ecological restructuring in Khorezm, Uzbekistan*. Springer, Dordrecht/Berlin/Heidelberg/New York
- Djanibekov N, Bobojonov I, Lamers JPA (2012) Farm reform in Uzbekistan. In: Martius C, Rudenko I, Lamers JPA, Vlek PLG (eds) *Cotton, water, salts and Soums: economic and ecological restructuring in Khorezm, Uzbekistan*. Springer, Dordrecht/Berlin/Heidelberg/New York
- Djanibekov N, Bobojonov I, Djanibekov U (2012) Prospects of agricultural water service fees in the irrigated drylands, downstream of Amudarya. In: Martius C, Rudenko I, Lamers JPA, Vlek PLG (eds) *Cotton, water, salts and Soums: economic and ecological restructuring in Khorezm, Uzbekistan*. Springer, Dordrecht/Berlin/Heidelberg/New York
- Bobojonov, I., J. Lamers and I. Rudenko (2008) ‘Optimal crop allocation and consequent ecological benefits in large scale farms in Uzbekistan’s transition process’ in *Continuity and Change: Land and water use reforms in rural Uzbekistan*, eds. P. Wehrheim, P., A. Schoeller-Schletter, C. Martius, Halle/Saale, pp 63-86

- Bobojonov, I., and J. Lamers (2008) 'Analysis of agricultural markets in Khorezm, Uzbekistan' in *Continuity and Change: Land and water use reforms in rural Uzbekistan*, eds. P. Wehrheim, P., A. Schoeller-Schletter, C. Martius, Halle/Saale, pp 167-186

Discussion papers and research reports

- Bobojonov, I., R. Sommer, E. Nkonya, E. Kato and A. Aw-Hassan. (2012, *forthcoming*). Assessment of climate change impact on Central Asian agriculture: Bio-economic farm modeling approach. ICARDA Research report. Syria
- Bobojonov I., A. Mirzabaev and A. Aw-Hassan. (2012, *forthcoming*). Farming systems, productivity and efficiencies in Central Asia. ICARDA Research report. Syria
- Wang W., Bobojonov, I., Härdle W.K., Odening M. (2011). Increasing Weather Risk – Fact or Fiction?. Sonderforschungsbereich 649: Ökonomisches Risiko 77 (SFB 649 Papers) ISSN: 1860-5664
- Djanibekov, N., Rudenko, I., Lamers, J. and I. Bobojonov (2010): Pros and Cons of Cotton Production in Uzbekistan. In Case Study on Programm 7-9: "Food Policy for Developing Countries: The Role of Government in the Global Food System" edited by: Pinstrup-Andersen, P. and F. Cheng, Cornell University, Ithaca, New York.
- Christmann, S., Martius, C., Bedoshvili, D., Bobojonov, I., Carli, C., Devkota, K., Ibragimov, Z., Khalikulov, Z., Kienzler, K., Manthrithilake, H., Mavlyanova, R., Mirzabaev, A., Nishanov, N., Sharma, R.C., Tashpulatova, B., Toderich, K., Turdieva, M., 2009. Food Security and Climate Change in Central Asia and the Caucasus, Tashkent, Uzbekistan 2009.

Conference Proceedings

- Bobojonov I. and Sommer R. (2011). Alternative Insurance Indexes for Drought Risk in Developing Countries. 2011 International Congress, August 30-September 2, 2011, Zurich, Switzerland from European Association of Agricultural Economists
- Bobojonov I., J.P.A. Lamers, C. Martius. (2010). *Economic analysis of policy scenarios for developing degraded drylands under uncertainty of irrigation water availability in the Khorezm region of Uzbekistan*. In the proceedings of Second Bridging Workshops: Productive and Sustainable Use of Saline Waters and Salt-affected Soils in Agriculture, ICARDA, Syria, 15-18 November, 2009
- Djanibekov, N., Lamers, J. and I. Bobojonov (2010): Land Consolidation for Increasing Cotton Production in Uzbekistan: Also Adequate for Triggering Rural Development? in: Labar, K., Petrick, M. and G. Buchenrieder (eds.): IAMO Studies on the Agricultural and Food Sector in Central and Eastern Europe, Halle (Saale).
- Bobojonov, I., (2007). Crop allocation and water use optimization in the region of Khorezm using linear programming *model*, pp. 7-9 In conference proceedings of the Problems of development agriculture in lower Amu Darya river regions. Urgench, pages 52.
- Bobojonov, I. and J. Lamers (2006) 'Optimizing crop allocations using a comparative economic advantage scenario: Evidence from the Khorezm region', 'International Conference on transition towards a market economy: Water resource management and land amelioration in Uzbekistan', Ministry of Water Resources and Agriculture, Tashkent, November 16-18, p. 212.

Conference Presentations

- "Increasing irrigation efficiency in dryland Uzbekistan under conditions of uncertain water supply." Presentation at Scientific Symposium "Water in Central Asia" in Tashkent, 24-26 November 2010
- "Risk Management under Climate Change in Irrigated Agriculture in Central Asia" presentation in the 5th World Water Forum, Istanbul, Turkey, 16-22 March, 2009.

- “Integrated Assessment of Crop and Water Allocation under Conditions of Uncertain Water Supply in the Khorezm Region of Uzbekistan, Central Asia.” poster presentation in Integrated Assessment of Agriculture and Sustainable Development (AgSAP) conference, 2009, Egmond aan Zee, The Netherlands, 10-12 March.
- “A decision support tool for ecological improvement of farmland and income generation of smallholders in the Khorezm region, Uzbekistan.” presentation in NATO ARW conference in Tashkent. September 2007
- “Optimal Cropping Pattern under Conditions of Uncertain Water Supply. A Spatially Explicit Approach for Khorezm Region, Uzbekistan.” Poster presentation in Tropentag, Prosperity and Poverty in a Globalized World: Challenges for Agricultural Research’, Bonn, October 11-13, 2006
- “The potential of alternative crops for increasing food security and welfare of the rural population in the Aral Sea Basin of Uzbekistan “, presentation in INTAS, Aral Sea Basin water and food conference: ‘Managing water and food quality and Security in Central Asia’, Almaty, Kazakhstan, September 1-4, 2005
- “Market analysis of agricultural products within the irrigated area of central Asian Khorezm” presentation in Workshop on *Institutional and Socioeconomic Aspects of Land and Water Use in Uzbekistan*, Bonn, Germany, International Workshop, April 9-10, 2005

Awards

- Alexander von Humboldt **fellowship**
- Erasmus Mundus **fellowship** for Post Doctoral Research
- Prize for the **best Doctoral Thesis** at Center for Development Research (ZEF) between January 2007 and May 2009
- IPSWAT **scholarship** for Ph.D. study (2004-2008)