

## CURRICULUM VITAE

Name: Utkur Djanibekov	Junior Researcher
Date of birth: 19 November 1984	Department of Economic and Technological Change
Nationality: Uzbekistan	Center for Development Research (ZEF)
Gender: Male	University of Bonn
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### RESEARCH INTERESTS

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Environmental, ecological, and agricultural economics; sustainable development; land use system analysis; farm risk management; economic impact assessment; climate change mitigation through forestry; agricultural organizations and contract theory; virtual water.

### EDUCATION

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PhD in Agriculture at the Center for Development Research (ZEF), University of Bonn, Germany. Supervisor: Prof. Dr. Joachim von Braun, co-supervisor: Prof. Dr. Ernst Berg. October 2009–present, expected to complete in December 2013.

Thesis topic: Trees, crops, and rural livelihoods: Afforestation of marginal croplands in Uzbekistan.

MSc in Management, Faculty of Economics and Management. Tashkent University of Information Technologies, Uzbekistan. September 2006–June 2008.

Thesis topic: Application of remote sensing in the economy of Uzbekistan.

BSc in Management, Faculty of Economics and Management. Tashkent University of Information Technologies, Uzbekistan. September 2002–June 2006.

Thesis topic: Analysis of company's marketing activity.

### EXPERIENCE

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**ZEF/UNESCO German-Uzbek Development Project on Landscape Restructuring, Urgench, Uzbekistan ([www.khorezm.zef.de](http://www.khorezm.zef.de)).**

Full-time research associate, August 2008–July 2009. Responsibilities included: value chain and virtual water analysis, participation in farm and household surveys for investigation of agricultural investments, adoption of water-wise technologies and attitudes towards water supply uncertainties; preparation of policy briefs, contribution to project publications and reports.

**ZEF/UNESCO German-Uzbek Development Project on Landscape Restructuring, Urgench, Uzbekistan ([www.khorezm.zef.de](http://www.khorezm.zef.de)).**

Internship, August 2007–September 2007. Responsibilities included: development of central database for coordination of field-collected information; preparation of policy briefs.

## **LANGUAGE SKILLS**

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Uzbek (native), Russian (advanced), English (advanced; TOEFL (IBT)=93; GMAT=510), German (beginner)

## **SOFTWARE SKILLS**

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GAMS (advanced; stochastic simulation; dynamic stochastic programming); MS Access (database management); MS Excel (solver); @Risk (intermediate); Vensim PLE (beginner); SPSS (beginner); STATA (basic); ArcGIS 10 (beginner).

## **PEER-REVIEWED PUBLICATIONS**

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Djanibekov, U., Djanibekov, N., Khamzina, A., Bhaduri, A., Lamers, J.P.A., Berg, E., 2013. Impacts of innovative forestry land use on rural livelihood in a bimodal agricultural system in irrigated drylands. *Land Use Policy* 35, 95-106.

Djanibekov, U., Van Assche, K., Boezeman, D., Djanibekov, N., 2013. Understanding contracts in evolving agro-economies: *Farmers, dehqans* and networks in Khorezm, Uzbekistan. *Journal of Rural Studies* 32, 137-147.

Djanibekov, N., Sommer, R., Djanibekov, U., 2013. Evaluation of effects of cotton policy changes on land and water use in Uzbekistan: Application of a bio-economic farm model at the level of a water users association. *Agricultural Systems* 118, 1-13.

Djanibekov, N., Frohberg, K., Djanibekov, U., (in press). Income-based projections of water demand for food consumption in Central Asia: The case of Uzbekistan. *Global and Planetary Change*. DOI: 10.1016/j.gloplacha.2013.08.015.

Rudenko, I., Bekchanov, M., Djanibekov, U., Lamers, J.P.A., (in press). The added value of a water footprint approach: micro- and macroeconomic analysis of cotton production, processing and export in water bound Uzbekistan. *Global and Planetary Change*. DOI: 10.1016/j.gloplacha.2013.09.007

Djanibekov, U., Khamzina, A., Djanibekov, N., Lamers, J.P.A., 2012. How attractive are short-term CDM forestations in arid regions? The case of irrigated croplands in Uzbekistan. *Forest Policy and Economics* 21, 108-117.

Djanibekov, U., 2012. More than carbon price. *Nature Climate Change* 2, 296. DOI: 10.1038/nclimate1470.

## **BOOK CHAPTERS**

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Rudenko, I., Djanibekov, U., Nurmetov, K., Lamers, J.P.A., 2012. Water footprints: integrated water resource management to the Rescue in the Aral Sea Basin. In: Edelstein, M.R., Cerny, A., Gadaev, A., (Eds.): *Disaster by design: The Aral Sea and its lessons for sustainability* (Research in social problems and public policy). Emerald Group Publishing Limited, 197-215.

Djanibekov, N., Bobojonov, I., Djanibekov, U., 2011. Prospects of agricultural water service fees in the irrigated drylands, downstream of the Amudarya. In: Martius, C., Rudenko, I., Lamers, J.P.A., Vlek, P.L.G., (Eds.): *Cotton, Water, Salts and Soums – Economic and Ecological Restructuring in Khorezm, Uzbekistan*. Springer.

## **POLICY BRIEFS**

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Khamzina A., Djanibekov U., Lamers J.P.A., Vlek P.L.G., 2012. Agroforestry measures to rehabilitate degraded croplands and improve livelihoods in Khorezm (in Russian: *Agrolesnaya melioratsiya dlya reabilitatsii degradirovannih pahotnih zemel' i uluchsheniya sredstv k sushestvovaniyu*). In: Niyazmetov D., Rudenko I., Lamers J.P.A., Eschanov R., (eds.) *Innovations into the agriculture of Uzbekistan!* (in Russian: *Innovatsii v sel'skoe khoz'yaystvo Uzbekistana!*). NGO KRASS, Urgench, pp. 26-31. Submitted to the Parliament of Uzbekistan.

Rudenko, I., Lamers, J.P.A., Djanibekov, U., 2011. Virtual water concept for enhancing water-saving options. ZEF-UNESCO project on Sustainable Management of Land and Water Resources in Khorezm, Uzbekistan, Science Brief no. 16.

## **SELECTED CONFERENCE PRESENTATIONS**

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Young Researchers' Forum of the International Conference- Natural Resource Use in Central Asia: Institutional Challenges and the Contribution of Capacity Building September 30-October 1, 2013, Giessen, Germany.

Water in the Anthropocene: Challenges for Science and Governance. Indicators, Thresholds and Uncertainties of the Global Water System. May 21-24, Bonn, Germany.

UNCCD 2nd Scientific Conference on Economic Assessment of Desertification, Sustainable Land Management and Resilience of Arid, Semi-Arid and Dry Sub-Humid Areas, February 09-12, 2013, Bonn, Germany.

10th International Dialogue on Population and Sustainable Development Population Dynamics in the 21st Century – Transforming Challenges into Opportunities, October 24-25, 2012, Berlin, Germany.

28th Triennial Conference of the International Association of Agricultural Economists (IAAE), August 18-24, 2012, Foz do Iguaçu, Brazil.

Planet under Pressure: New Knowledge towards Solutions, March 26-29, 2012, London, UK.

The Water, Energy and Food Security Nexus: Solutions for the Green Economy. November, 16-18, 2011, Bonn, Germany.

Tropentag conference on Development on the Margin, October 5-7, Bonn, Germany.

Workshop for Young Researchers on Agricultural Development in Central Asia, September 26-27, 2011, Halle (Saale), Germany.

IUFRO Conference Small-scale Forestry: Synergies and Conflicts in Social, Ecological and Economic Interactions, July 24-28, 2011, Freiburg, Germany.

International Scientific Symposium on “Water in Central Asia”, November 24-26, 2010, Tashkent, Uzbekistan.

## **CONFERENCE PROCEEDINGS**

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Djanibekov, U., Djanibekov, N., Khamzina, A., 2012. CDM afforestation for managing water, energy and rural income nexus in irrigated drylands. Proceedings of Triennial Conference of the International Association of Agricultural Economists, Foz do Iguaçu, Brazil. <http://ageconsearch.umn.edu/handle/126765>.

Djanibekov, U., Djanibekov, N., Khamzina, A. Lamers, J.P.A., 2011. Afforestation on marginal croplands for enhancing the resilience of rural incomes to water scarcity in dry areas of Central Asia. In: Hartebrodt, C., Howard, K., (Eds.): Synergies and conflicts in social, ecological and economic interactions.

Khamzina, A., Djanibekov, U., Djanibekov, N., Lamers, J.P.A., 2011. Environmental and financial sustainability of CDM afforestation in dryland Uzbekistan. In: Proceedings of the conference Short Rotation Forestry and Agroforestry: An Exchange of Experience between CDM Countries and Europe. Benwood project consortium, IUFRO, 20-25.

## **MEMBERSHIPS**

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International Association of Agricultural Economists.

DWA – Deutsche Vereinigung für Wasserwirtschaft, Abwasser und Abfall e.V.

## **SCHOLARSHIPS**

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Robert Bosch Foundation PhD scholarship. October 2012–March 2013, June–July 2013.

International Postgraduate Studies in Water Technologies (IPSWaT) PhD scholarship. 2009-2012.

Dr. Herman Eiselen Doctoral Program of the Foundation fiat panis for conference participations.

## **REFERENCES**

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