**CURRICULUM VITAE**

**Prof.dr. Ruzumboy A. Eshchanov**

**Senior consultant**

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| Citizenship: | Uzbekistan |
| Home address: | Mutavalli str 40, Urgench district, KhorezmUzbekistan |
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| Born: | 20-01-1956 in Khorezm, Uzbekistan |
| Marital status: | Married, four children |
| Languages: | Uzbek: nativeRussian: fluent English: advanced |

**Special areas of interest:**

* Sustainable development
* Soil sciences
* Sustainable agriculture
* Institutional development
* Natural resources management
* Environmental management
* Alternative approaches to agricultural service provision
* Erosion control and resource management,
* Crop production and soil fertility

**Education**

1981-85 Moscow State Institute of Fine Chemical Technologies

Ph.D. in Chemistry

1975-80 Chemistry Faculty of Tashkent State University, Uzbekistan

M.Sc.in Chemistry

**Employment history**

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| 2007–2015 | Chairman of Khorezm Mamun Academy in Khiva, Uzbekistan |
| 2007–2015 | Rector of Urgench State University, Khorezm, Uzbekistan |
| 1993–2008 | Dean of Natural Sciences Faculty, Urgench State University, Khorezm, Uzbekistan |

**List of selected international publications**

* Vlek, P. L. G., R. A. Eshchanov, S. Khodjaniyazov, I. Rudenko and J. P. A. Lamers, 2017. *From theory to practice: Challenges and constrains to introducing sustainable education for sustainable development in Uzbekistan*. In: A decade of progress on Education for sutaianble development – Reflections from the UNESCO Chairs Programme, eds. G. Michelsen and P. J. Wells.
* Vlek, P. L. G., J. P. A. Lamers, A. Khamzina, I. Rudenko, C. Martius, B. Tischbein, R.A. Eshchanov, 2015. Introduction: Restructuring land allocation, water use and agricultural value chains: Technologies, policies and practices for the lower Amudarya region. In: Restructuring land allocation, water use and agricultural value chains: Technologies, policies and practices for the lower Amudarya region. Eds: Vlek, P. L. G., J. P. A. Lamers, A. Khamzina, I. Rudenko, C. Martius
* Rudenko, I. S. Salaev, S. Davletov, R. A. Eshchanov, 2015. *Economic feasibility study of canal plastic lining in the Aral Sia Basin*. In: Research and particles in water quality, ed. T. S. Lee
* Ergashev, A., R. A. Eshchanov, G. Yakubov, N. Turdieva, N. Turaeva, H. Urinova, 2014. Abiotechnology of Indigofera tinctoria L. on the Saline Land of Aral Sea Basin and Producing of the Natural Plant Indigo Pigment for the Industry. Journal of Chemistry and Chemical Engineering, vol. 8, issue 7, pp. 707-716.
* Eshchanov, B. R., M. Grinwis, R. A. Eshchanov, S. K. Salaev 2013. Prospects of renewable energy penetration in Uzbekistan — Perception of the Khorezmian people. *Renewable and Sustainable Energy Reviews*, 21, pp. 789–797
* Jabbarov, H., R. A. Eshchanov, J. Nurmetov, A. Lutz, M. Shanafield, J. P. A. Lamers, 2013. Canal lining to increase water use efficiency and remediate groundwater levels in Khorezm, Uzbekistan, Central Asia. *International Journal of Agriculture*, vol 3. issue 4. p.742
* Vlek, P. G. L. G, J. P. A. Lamers, C. Martius, I. Rudenko, A. Manschadi, R.A. Eshchanov, 2012. Cotton, Water, Salts and Soums–Research and Capacity Building for Decision-Making in Khorezm, Uzbekistan. Eds. Martius, C., Lamers, J.P.A., Rudenko, I. and Vlek, P., Cotton water, salts and soums - Economic and ecological restructuring in Khorezm, Uzbekistan. Dordrecht Heidelberg London New-York, pp.155–67, ISBN:978-94-007-1962-0.

<http://www.springerlink.com/content/v7h332616155p41t/>

* Bobojonov, I., J. P. A. Lamers, N. Djanibekov, N. Ibragimov, T. Begdullaeva, A. Ergashev, K. Kienzler, R. A. Eshchanov, A. Rakhimov, J. Ruzimov, C. Martius, 2012, Crop diversification in support of sustainable agriculture in Khorezm. Eds. Martius, C., Lamers, J.P.A., Rudenko, I. and Vlek, P., Cotton water, salts and soums - Economic and ecological restructuring in Khorezm, Uzbekistan. Dordrecht Heidelberg London New-York, pp.155–67, ISBN:978-94-007-1962-0. pp. 219-233.

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* Ibragimov N., Y. Djumaniyazova, J. Ruzimov, R. A. Eshchanov, C. Scheer, K. Kienzler, J. P. A. Lamers, M. Bekchanov, 2012. Optimal Irrigation and N-fertilizer Management for Sustainable Winter Wheat Production in Khorezm, Uzbekistan. Eds. Martius, C., Lamers, J.P.A., Rudenko, I. and Vlek, P., Cotton water, salts and soums - Economic and ecological restructuring in Khorezm, Uzbekistan. Dordrecht Heidelberg London New-York, pp.155–67, ISBN:978-94-007-1962-0.

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* Eshchanov, B. R., M. Grinwis, R. Eshchanov, S. Salaev, 2011. Potential of Renewable Energy Sources in Uzbekistan, Journal of Knowledge Management, Economics and Information Technology, Vol.1 issue 7.

<http://www.scientificpapers.org/economics/potential-of-renewable-energy-sources-in-uzbekistan/>

* Eshchanov, B. R., M. Grinwis, S. Salaev, R. A. Eshchanov, 2011. Rogun Dam—Path to Energy Independence or Security Threat? *Sustainability*, vol. 3, issue 9. pp. 1573-1592.

<http://www.mdpi.com/2071-1050/3/9/1573/>

* Eshchanov, R. A., S. U. Hodjaniyazov, G. Matlatipov, 2011. Development of Distance and E-Learning Based Higher Education in Uzbekistan in Framework of International Collaboration, *Journal of Knowledge Management, Economics and Information Technology*, Vol.1 issue 7.

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* Lamers, J. P. A., Martius, C., Khamzina, A., Matkarimova M., Djumaeva D., Eshchanov. R., 2010. Green foliage decomposition in tree plantations on degraded, irrigated croplands in Uzbekistan, Central Asia. Nutrient Cycling in Agroecosystems (NutrCyclAgroecosyst), 87: 249–260. Available online at DOI10.1007/s10705-009-9336-x. ISSN1385-1314.
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* Kan, E., J. P. A. Lamers, R. A. Eshchanov, A. Khamzina, 2008. Small-scale farmers’ perceptions and knowledge of tree intercropping systems in the Khorezm region of Uzbekistan. *Forests, Trees and Livelihoods*, vol. 18, issue 4. pp. 355-372.
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* Eshchanov, R. A., E., Kan, A., Khamzina, and J. P. A. Lamers, 2007. Farmer’s knowledge and perceptions about multipurpose trees and tree intercropping systems in post-independence private farming systems in Uzbekistan. ZEF Work Papers for Sustainable Development in Central Asia, 10, p.38. Zentrum für Entwicklungsforschung (Centre for Development Reserach) ZEF Bonn. [http://www.khorezm.uni-bonn.de.](http://www.khorezm.uni-bonn.de/)
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* Martius, C., J. P. A. Lamers, P. L. G. Vlek, R. Eshchanov, I. Rudenko and O. Salayev, 2005. Water, Salt, Cotton and Soums: Shedding New Light on the Aral Sea Problem. In: Proceedings of the International Conference “The Global Food & Product Chain–Dynamics, Innovations, Conflicts, Strategies”, Centre for Agriculture in the Tropics and Subtropics, University of Hohenheim, Stuttgart, October 11-13, p.66.
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