CURRICULUM VITAE 

Shirin Babadjanova

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**Date and place of birth:** November 15, 1974, Dashauz city, Turkmenistan

**Nationality:** Uzbek

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**Marital status:** Married+1

**Position :** superior teacher

**Affiliation**: Faculty of Biology, Urgench State University ([www.urdu.uz](http://www.urdu.uz))

**Address:** 14, H.Olimjon street, Urgench city, 220100, Khorezm region, Uzbekistan

**Position (2):** Biology, the basis of Agriculture

**Education**

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| 1991-1996 | Biology Faculty, Urgench State University, Khorezm, Uzbekistan. Thesis: “Modeling seed rates and plant density in maize - legumes intercropping systems for secure food and increase income in the irrigated drylands of Central Asia”. |
| 02.09.1996– till present | Lecturer at the Department of Sustainable development and ecological education |
| Main activities and responsibilities | * to develop and implement new methods of teaching; * to deliver lectures, seminars and tutorials; * to assess student’s coursework; * to design, prepare and develop teaching materials; * efficiency of intercropping under different sowing designs and plant densities by a series of indicators such as Land Equivalent Ratios of intercropping and pure crop practices in the irrigated alluvial meadow soils of Khorezm; * the effect of intercropping on leaf area index (LAI), specific leaf are (SLA) and above ground biomass (AGB) dynamics; * the yield structure, kernel and stover yield, kernel quality; * the economic efficiency of the different land use systems; * modeling results of intercropping practices on yield (calibration, validation and build scenarios). * Мung bean sowing can: increase humus content in the soil, reduce crop inputs such as nitrogen, improve human diet, improve quality of forage, increase protein content |

**Research projects**

2014-2015 Ram Sharma (Junior assistant)

2015-2016 Bogardi (Research assistant)

2016-2017 “Oliy majlis Trainer

**Languages and skills:** Bilingual: *Uzbek, Russian,Turkmen*; Intermediate: *English*;

Microsoft Office (all programs), Stata.

**Conferences, seminar trainings and workshops**

* International Visitor Leadership Program of U.S. State Department, **“Climate Change and Renewable Energy”**, July 30 – August 20, 2016, Washington DC, *USA*
* UNESCO Chair on Education for Sustainable Development, Urgench State University, Integrated Water Resources Management and Sustainability, held on November 17-28,2012

**Publications**

* Problems of the effective use of Land and Water resources and soil melioration under Khorezm region conditions (working paper)
* INFLUENCE OF NITROGEN AND INOCULANT FERTILIZER ON GRAIN YIELD OF SUMMER SOWN SOYBEAN
* EFFECTS OF INTER-ROW WIDTH ON MUNG BEAN PRODUCTIVITY ON IRRIGATED ALLUVIAL SOIL OF THE DESERT ZONE OF UZBEKISTAN
* My scientific research topic is “Efficiency legumes of intercropping after winter wheat (at meadow-alluvial soil condition in Khorezm region”. To study
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