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PARTNERSHIPS FOR ENHANCED ENGAGEMENT IN RESEARCH (PEER) FACT SHEET

The goal of PEER in Central Asia is to improve domestic and regional water management for better cross-border cooperation and less water waste. PEER awards have a strong potential for developmental impact and are tailored to investigate sustainable transboundary water management covering non-conventional agricultural crop production, climate and environmental protection, and improving water and energy use efficiencies at the farm and river-basin levels.

Beneficiaries: Local water managers, researchers, and farmers

Objectives: PEER program is designed to increase scientific collaboration and networking between researchers from USAID-presence countries, and U.S.-based researchers, and promotes research and capacity-building activities with strong potential development impacts. PEER partnerships leverage major research investments made by the U.S. government science agencies to improve development outcomes in USAID-presence countries.

OUR WORK

Principal Investigator	PEER Partnerships in Uzbekistan
<p>Dr. Kristina Toderich COP, International Center for Biosaline Agriculture Uzbekistan Country Office ktoderich@yahoo.com +99890 178 2260</p>	<p>Research Project 1 (Cycle 1): Utilization of low-quality water for halophytic forage and renewable energy production</p> <p><i>US Research Partner:</i> Laurel Saito, University of Nevada (funded by the National Science Foundation) <i>Duration:</i> June 2012 - June 2015</p>
<p>Prof. Viktor Dukhovny COP, Scientific-Information Center of the Interstate Commission for Water (SIC ICWC) Coordination of Central Asia dukh@icwc-aral.uz +998 71 265 92 95</p>	<p>Research Project 2 (Cycle 4): Transboundary water management adaptation in the Amu-Darya river basin to climate change uncertainties</p> <p><i>US Research Partner:</i> Benjamin F. Zaitchik, Johns Hopkins University (funded by the National Science Foundation) <i>Duration:</i> November 2015 - April 2018</p>
<p>Dr. Kristina Toderich COP, International Center for Biosaline Agriculture Uzbekistan Country Office+99890 178 2260 ktoderich@yahoo.com</p>	<p>Research Project 3 (Cycle 4): Use of non-conventional agricultural water resources to strengthen water and food security in transboundary watersheds of the Amu-Darya river basin (UNCAWR)</p> <p><i>US Research Partner:</i> Robert Nowak, University of Nevada, Reno (funded by the United States Department of Agriculture/ Agricultural Research Service) <i>Duration:</i> December 2015 - December 2019</p>
<p>Mr. Kakhramon Jumaboev COP, International Water Management Institute (IWMI) Uzbekistan Country Office k.jumaboev@cgiar.org +998 71 237 04 45</p>	<p>Research Project 4 (Cycle 4): Mitigating competition for water in the Amu-Darya river basin by improving water use efficiency</p> <p><i>US Research Partner:</i> James Ayars, USDA Agricultural Research Service <i>Duration:</i> November 2015 - October 2018</p>
<p>Dr. Iskandar Abdullaev COP, Regional Environmental Center for Central Asia (CAREC) Uzbekistan Country Office iabdullaev@carececo.org + 998 71 277 3787</p>	<p>Research Project 5 (Cycle 5): Provision of science-based evidence on climate induced water quality challenges in Amu Darya Basin</p> <p><i>US Research Partner:</i> Antarpreet Jutla, West Virginia University (funded by the National Aeronautics and Space Agency) <i>Duration:</i> December 2016 - May 2019</p>
<p>Mr. Zafar Gafurov COP, IWMI Uzbekistan Country Office z.gafurov@cgiar.org +998 71 237 04 45</p>	<p>Research Project 6 (Cycle 5): Implications of climate change, land use and adaptation interventions on water resources and agricultural production in Transboundary Amu Darya river basin</p> <p><i>US Research Partner:</i> John Bolten, NASA Goddard Space Flight Center <i>Duration:</i> Dec 2016 – Feb 2020</p>
<p>Dr. Oytur Anarbekov PI, IWMI Central Asia Office o.anarbekov@cgiar.org +998 71 237 03 17</p>	<p>Research Project 7 (Cycle 6): Reducing water pollution and carbon emissions from irrigated areas by improving irrigation management and rural livelihoods: case studies from energy intensive pump irrigated areas of Sogd Province, Tajikistan, and Kashkadarya Province, Uzbekistan</p> <p><i>US. Research Partner:</i> James Ayars, United States Department of Agriculture Agricultural Research Service <i>Duration:</i> December 2017 - November 2020</p>