



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Maksud Bekchanov**
Work Address(es) Via della Libertà, 12 – 30175 Venice, Italy
E-mail maksud.bekchanov@cmcc.it, maksud.bekchanov@eiee.org
Nationality Uzbekistan
Gender Male

Occupational field **Environmental Economics (Integrated Assessment Modeling)**

Work experience (postdoctoral experiences except short-term consultancy works)

Dates	Since 11/2022
Occupation or position held	Marie Skłodowska-Curie Fellow (MSCA-IF) – Environmental Economics
Main activities and responsibilities	Developing forward-looking water-energy-food model, writing articles, project management
Name and address of employer	CMCC@Ca'Foscari – Euro-Mediterranean Center on Climate Change @ University of Ca'Foscari Venice, RFF-CMCC European Institute on Economics and the Environment (EIEE)
Type of business or sector	CMCC is Italy's largest research institution entirely devoted to analysing and modelling climate-society dynamics, and informing policy making through rigorous scientific assessments
Dates	08/2020-10/2022
Occupation or position held	Research Associate – Climate-Energy-Economic Modeling
Main activities and responsibilities	Global Climate-Energy-Economic Modeling, improving the model codes, co-supervising MSc students
Name and address of employer	Research Unit Sustainability and Global Change (FNU), University of Hamburg, Hamburg, Germany
Type of business or sector	Academia
Dates	12/2016-08/2020 (a visiting fellow between 02/2019-03/2020)
Occupation or position held	Senior Researcher – Circular Economy / Global food economics
Main activities and responsibilities	Research on costs of global hunger eradication and eco-environmental feasibility of circular economy innovations in South Asia, project management, research networking in South Asia, conducting surveys, mentoring PhD students
Name and address of employer	Center for Development Research (ZEF), University of Bonn, Bonn, Germany
Type of business or sector	Academia
Dates	06/2014-06/2016
Occupation or position held	Postdoctoral Researcher – Hydro-economics
Main activities and responsibilities	Research on hydro-economic modeling, writing articles, mentoring interns
Name and address of employer	International Water Management Institute (IWMI) / CGIAR, Colombo, Sri Lanka
Type of business or sector	CGAIR is the world's largest global network for agricultural innovation aiming at a world without poverty, hunger and environmental degradation

Education and training

Dates 10/2009-05/2014

Title of qualification awarded	PhD (magna cum laude)
Principal subjects/occupational skills covered	Agricultural, Resources and Development Economics (Thesis title: Efficient water allocation and water conservation policy modelling in the Aral Sea basin. Supervisor: Prof. Dr. Joachim von Braun)
Name and type of organisation providing education and training	Center for Development Research (ZEF) / University of Bonn (Bonn, Germany)
Dates	09/2005-06/2007
Title of qualification awarded	MSc (with honours)
Principal subjects/occupational skills	Water Resources Management and Economics
Organisation providing education	Tashkent Institute of Agricultural Mechanization and Irrigation Engineers (Tashkent, Uzbekistan)
Dates	09/2001-06/2005
Title of qualification awarded	BSc (with honours)
Principal subjects/occupational skills	Macroeconomics
Organisation providing education	Urgench State University (Urgench, Uzbekistan)

Featured publications

1. Chicaibelu B., **M. Bekchanov**, J. von Braun, M. Torero, 2021. The global cost of reaching a world without hunger: Investment costs and policy action opportunities. *Food Policy*, 104, 102151. doi:10.1016/j.foodpol.2021.102151
2. **Bekchanov M.**, A. Mirzabaev, 2018. Circular economy of composting in Sri Lanka: Opportunities and challenges for reducing waste related pollution and improving soil health. *Journal of Cleaner Production*, 202: 1107-1119. <http://doi.org/10.1016/j.jclepro.2018.08.186>
3. **Bekchanov M.**, M.A. Hosain, A. de Alwis, A. Mirzabaev, 2018. Why adoption is slow despite a promising potential of biogas technology for reducing GHG emissions and improve energy security in Sri Lanka? *Renewable Energy*.
4. **Bekchanov M.**, A. Sood, A. Pinto, M. Jeuland, 2017. Systematic Review of Water-Economy Modeling Applications. *Water Resources Planning and Management*, 143(8): 04017037-(1-18). [https://doi.org/10.1061/\(ASCE\)WR.1943-5452.0000793](https://doi.org/10.1061/(ASCE)WR.1943-5452.0000793)
5. **Bekchanov M.**, J.P.A. Lamers. 2016. The Effect of Energy Constraints on Water Allocation Decisions: The Elaboration and Application of a System-Wide Economic-Water-Energy Model (SEWEM). *Water*, 8(6): 253. <https://doi.org/10.3390/w8060253>
6. **Bekchanov M.**, J.P.A. Lamers, 2016. Economic costs of reduced water availability in Uzbekistan (Central Asia). *Regional Environmental Change*, 16(8):2369-2387. doi:10.1007/s10113-016-0961-z
7. **Bekchanov M.**, C. Ringler, A. Bhaduri, M. Jeuland, 2015. Optimizing irrigation efficiency improvements in the Aral Sea Basin. *Water Resources and Economics*, 13: 30-45. <http://dx.doi.org/10.1016/j.wre.2015.08.003>
8. **Bekchanov M.**, C. Ringler, A. Bhaduri, M. Jeuland, 2015. How would the Rogun dam affect on water and energy scarcity in Central Asia? *Water International*, 40(5-6): 856-876. <http://dx.doi.org/10.1080/02508060.2015.1051788>
9. Lenzen M., D. Moran, A. Bhaduri, K. Kanemoto, **M. Bekchanov**, A. Geschke, B. Foran, 2013. International trade of scarce water. *Ecological Economics*, 94: 78-85. doi:10.1016/j.ecolecon.2013.06.018

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