



Title	Professor	Research interests in water (select maximum 10)															
Name	Endon	Climate & Water		Hydrological extreme events		Water flow		Surface water		Ground water		Marine Environment		Aquatic habitats/ Ecosystems		Water availability	
Surname	Garmayev	Water in arid areas		Floods		Catchment processes		Limnology		Soil water		Coastal waters		Wetlands		Water utility	
E-mail address	garend1@yandex.ru	Arctic water		Droughts		Run-off generation		Fluvial dynamics		Karst water		Estuarian waters		Lakes		Water storage	
Affiliation		Water cycle		Ice phenomena		Groundwater-Surface water interactions		Continental scale processes		Hydrogeology				Peatlands		Dams / Reservoirs	
Name of Employer	Baikal Institute of Nature Management Siberian Branch Russian Academy of	Atmospheric water				Hyporheic processes		Dams / Reservoirs		Recharge				Rivers		Water scarcity	
Institute/ department	Institute	Glaciers & Cryosphere				Interstitial water		Sediments								Supply & Distribution	
Country	Russian Federation					Porwater		Rivers								Water allocation	
Tel nr.	Tel nr.					Alluvial water		Floodplains								Water restrictions	
Fax nr.	Fax nr.	Modelling and GIS		Water quality		Water & Health		Water & Energy		Water management/ policy		Water use		Water Law & Economics		Socio-political aspects	
Physical address	Physical address	Hydro GIS		Pollution		Water & Sanitation		Water-Energy nexus		Integrated Catchment management		Urban		Water trade		Water history	
Postal address	Postal address	Groundwater modelling		Purification		Water & Food		Water for energy		Integrated water resource management		Agricultural		Virtual water		Water wars	
Skype name	Skype name	Surface water modelling		Hydrochemistry		Waterborne diseases		Energy for water		Water loss		Mine water		Privatisation		Water & Poverty	
Website	www.binn.ru	Remote sensing		Treatment		Drinking water		Water, Food & Energy		Reticulation & Supply		Industrial		Water as public good		Access to water	
Study areas				Desalination		Water purification				Transboundary water		Grey water		Right to water			
Countries	Russian Federation			Waste water								Green water		Bills & Laws			
Region	Baikal region			Sewage								Blue water		Affordability			
Topics of last three projects												Return water					
1	Negative impact of emissions and discharges of harmful substances (pollutants) in the Baikal natural territory and the development of management recommendations. Government contract											Water sustainability					
2	Scientific basis of hydroecological security of Baikal basin rivers. Russian Foundation for Basic Research											Competing water use		X			
3	The study of the runoff spatial distribution of transboundary rivers Selenga and Chikoy and development of recommendations for the prevention of harmful effects of water. Government contract																
Envisioned activities in Commission		Other (please specify)															
attend/ organise meetings contribute to publications read newsletter joint research, collaboration	1) attended the meeting of the Commission in 2016 (IGC, Beilinel). 2) is manuscript entitled, "Assessment of the water resources of the Baikal basin Newsletter # 16	other areas of interest															
Other (please specify)		Research interests in water (supply 5 keywords)															
		River runoff and hydrological design															
		Lake Baikal water balance															
		Hydrological modeling															
		Water use															
		Water mangement of transboundary rivers															

Topics of last 10 publications		Publication links	
1	Peculiarities of Lake Baikal water level regime / Darima B Dabaeva, Bair Z Tsydygov, Alexander A Ayurzhanaev, Sergey G Andreev, Yendon Zh Garmayev // IOP Conf. Series: Earth and Environmental Science [The electronic resource] – IOP Publishing, 2016. – Vol. 48. – № 1. 012014. doi:10.1088/1755-1315/48/1/012014	1	
2	The Selenga River delta: a geochemical barrier protecting Lake Baikal waters / Sergey Chalov, Josef Thorlund, Nikolay Kasimov, Denis Aybulatov, Elena Ilycheva, Daniel Karthe, Alexey Kositsky, Mikhail Lychagin, Jeff Nittrouer, Maxim Pavlov, Jan Pietron, Galina Shinkareva, Mikhail Tarasov, Endon Garmayev, Yusef Akhtman, Jerker Jansjo // Regional Environmental Change. – 2016. – P. 1-15. [The electronic resource]. -doi: 10.1007/s10113-016-0996-1	2	
3	Spatio-temporal dynamics of the coastline north of the Lake Baikal / Tsydygov B.Z., Garmayev E.Zh., Ayurzhanaev A.A., Andreev S.G. Batotsyrenov E.A., Alymbaeva J.B. // Bulletin of Irkutsk State Technical University. - 2014. - № 11 (94). - Pp. 111-116. (in Russian)	3	
4	Modelling flooding areas of urban territories (on example of Selenga and Chikoy rivers) / Tsydygov Zh., Ayurzhanaev A., Sodnomov B, Garmayev E., Lubsanov A // Izvestia vuzov. Geodesy and aerophotography. – 2015. – № 6, pp. 87-93 (in Russian)	4	
5	Spatial and temporal dynamics of the Baikal coastal line caused by control of the lake level regime / Arnold K. Tulokhonov, Endon Zh. Garmayev, Bair Z. Tsydygov // Geography, environment, sustainability. - 2013. - N 2 (6). - P. 20-27.	5	
6	To develop the scientific basis of hydroecological security transboundary Selenga River / Garmayev E.Zh., D. Dorzhgotov // Bulletin of the University of Buryatia. 4. Release of biology, geography. - Ulan-Ude: Publishing House of the Buryat State University, 2012. - P. 41-44. (in Russian)	6	
7	Annual runoff estimation of unexplored river of Lake Baikal basin / Garmayev E.Zh. // Geography and natural resources. - 2010. - №4. - P. 69-73. (in Russian)	7	
8	Water resources of the river basin of Lake Baikal: the basis of their use and protection / Garmayev E.Zh. Christopher A.V. ; Ed. A.K. Tulokhonov. - Novosibirsk Academic Publishing House "Geo", 2010. -231 p. (in Russian)	8	
9	Runoff of Lake Baikal basin rivers / Garmayev E.Zh. - Ulan-Ude: Publishing House of the Buryat State University, 2010. - 272 p.	9	
10	Reaction model for the river system of Lake Baikal basin to external influence / Garmayev E.Zh. // Irrigation and Water Management, №3. - M., 2008. - P.21-27. (in Russian)	10	