Appendix 1

Peer-reviewed Publications and Proceedings

1. Burkitbaev, M.M., Uralbekov, B.M., Tuzova, T.V. Neravnovesnyi uran kak estestvennii indicator processov v vodno-ekologicheskih sistemah Centralnoi Azii *(Nonequilibrium uranium as a natural indicator of processes in the water and ecological systems of Central Asia)*//Almaty, Kazakh University, 2017; p. 160 (Monograph, ISBN 978-601-04-2923-9)
2. Matvejeva, I. V., Tuzova, T. V. Methodical features of pretreatment of water samples of mountain rivers with ultralow concentration of uranium for alfa-spectrometric measurmets // Vestnik Tajikskogo Nacionalnogo Universiteta, 2017, Issue 1/2; pp. 151-158.
3. Tuzova, T.V. Estimation of Distribution of the Flow of Transboundary Mountain Rivers by Uranium-Isotopic Method// Vodnye I ekologicheskie problemi Sibiri e Centralnoi Azii (Water and Ecological Problems of Siberia and Central Asia), Volume IV, 2017, Barnaul, Siberian Branch of the Russian Academy of Sciences, pp. 126-134.
4. Tuzova, T.V. Radioekologicheskoe sostoyanie vod raznogo genezisa v raione byvshego uranovogo rudnika Kadjisai (Kyrgyzskaya Respublica) *(Radio-ecological condition of waters of different genesis in the area of the former Kadjisai uranium mine (the Kyrgyz Republic))* // Proceedings of the International Scientific Forum on Nuclear Science and Technologies, Institute of Nuclear Physics, Almaty, 2017; pp. 287-293.
5. Usupaev, Sh.E., Tuzova, T.V., Erokhin, S., Zaginaev, V. Metody prognoza vysokogorny[ozer Tyn-Shanya I Pamira v seismoopasnyh zonah *(Forecast methods for high-mountain lakes in seismically active zones of the Tien Shan and Pamir)* // Proceedings of the 9th Kazakh-Chinese International Symposium, Almaty; Ministry of Education and Science of the Republic of Kazakhstan, Institute of Seismology, 2017; pp.78-83.
6. Tuzova, T.V., Satylkanov, K.A., Shatravin, V.I., Matvejeva, I.V. Radiologicheskoe sostoyanie vod zolotorudnogo kombinata Kumtor (Kyrgyzstkaya Respublica) *(Radiological condition of water sources at the Kumtor Gold Mine (Kyrgyz Republic))* // Natural resource management issues and environmental situation in European Russia and adjacent areas // Proceedings of the 7th International Scientific Conference in Belgorod; Politera, 2017; pp. 260-264.
7. Tuzova, T., Matveyeva, I., Uralbekov, B. Uranium isotopes in waters as radioecological indicator of genesis of waters and relative distribution of water resources of mountain rivers in Central Asia// 4-th International Conference on Radioecology and Environmental Radioactivity // Session 5. Application of novel methods used for monitoring and radioecological studies, Berlin, 3-8 September, Radioprotection Institute (ISBN 978-29545237-7-4), pp.237-238.
8. Matveyeva, I.V., Tuzova, T.V., Nursapina, N.A., Meirman, F.S., Uralbekov, B.M. In-situ pre-concentrating of uranium isotopes on coal for alpha-spectrometric measurements (with approbation on water samples of mountain rivers// 4-th International Conference on Radioecology and Environmental Radioactivity // Session 5. Application of novel methods used for monitoring and radioecological studies, Berlin, 3-8 September, Radioprotection Institute (ISBN 978-29545237-7-4), pp.276-277.

9. Uralbekov, B.M., Burkitbaev, B.M., Mamtkanov, D., Matveeva, I.V., Satybaldiev, B.S. Izotopy urana v vodakh basseyna r.Chu (*Uranium Isotopes in Waters of the Chu River Basin*) // Proceedings of the 4th International Conference "Radioactivity and Radioactive Elements in the Human Environment", Tomsk: Tomsk Polytechnic University, 2015, pp. 535-537

10. Shatravin, V.I., Tuzova, T.V., Satybaldiev, B.S., Uralbekov, B.M. Izotopy urana v vodah Alaiskoi doliny (*Uranium Isotopes in Waters of the Alay valley*) // Proceedings of the 4th International Conference "Radioactivity and Radioactive Elements in the Human Environment", Tomsk: Tomsk Polytechnic University, 2015, pp. 566-570.

11. Matvejeva, I.V., Nazarkulova, Sh.N., Uralbekov, B.M., Tuzova, T.V., Amanova, G.T., Mambetaliev, E.D. Izotopy urana v vodah hvostorhranilish rudnika Kadzhi-Sai *(Isotopes of uranium in the waters of mine tailings Kadzhi-Sai)* // Chemical Bulletin of Kazakh National University 2016, Issue 4, pp. 61-67 //ISSN1563-0331, http://bullettin.chemistry.kz/, http://dx/goi/org/10/15328/cb600.

12. Erokhin, S.A., Zaginaev, V.V. Otsenka zavisimosti selevoy aktivnosti gornykh dolin ot sovremennogo morenoobrazovaniya (*Assessment of Correlation Between Mudflow Activity in Mountain Valleys and Contemporary Moraine Development Processes*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 8-16. https://www.science-journal.kg/

13. Kobuliev, Z.V., Mamatkanov, D.M., Tuzova, T.V., Usupaev, Sh.E., Fazylov, A.R. Opyt mejdunarodnogo sotrudnichestva v podgotovke kadrov vyshei kvalifikazii dlya opespecheniya ustoichvogo razvitiya stran Centralnoi Azii (*Experience of international cooperation in the training of high qualification for sustainable development of the countries of Central Asia*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 17-19. https://www.science-journal.kg/

14. Zaginaev, V., Erokhin, S.A. Selevaya aktivnost na konuse vynosa r. Aksai (Severnii sklon Kyrgyzskogo hrebta) (*Debris flow activity on Aksay fan (northern slope of Kyrgyz Range)*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 24-28. https://www.science-journal.kg/

15. Usupaev, Sh.E. Engineering geonomic functions of water of hydride Earth. Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp.35-40. https://www.science-journal.kg/

16. Sharifov, G.V. Gidrosfera, transformiruemaya georiskami vodnogo genezisa v gornom megapolice Dushanbe (*Hydrogeosphere transformable by the geological risks of water genesis*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 51-55.

17. Andamov, R.Sh. O transformacii georiskami vodnogo genezisa gidrogeosfery Centralnogo Tajikistana (*On the transformation by geological hazards of water genesis of the hydrogeosphere of Central Tajikistan*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 56-59.

18. Atykenova, E.E. Transformacia obektami radiogeologii gidrosfery Kyrgyzstana i raionov stran Centralnoi Azii (*Transformation of objects of radiogeology of hydrosphere of Kyrgyzstan and Central Asian regions*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 60-63.

19. Valiev, Sh.F. Transformacia vodnymi obektami krovli litosfery Tajikistana (*Transformation of lithosphere roofing in water objects of Tajikistan*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 64-68.

20. Dudashvili, A.S. Antropogennaya transformaciya gidrosfery I tehnogennie mestorojdeniya podzemnyh vod na primere Osh-Karasuiskogo oazisa Kirgizstana (*Anthropogenic transformation of the hydrogeosphere and technogenic fields of water on the example of the Osh-Kara-Sui oasis of Kyrgyzstan*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 69-74.

21. Orolbaeva, L.E. Vliyanie izmeneniya gornyh ekosistem na transformaciu gidrogeosfery Tyan Shanya i Pamiro-Alaya i formirovanie georiskov (*Influence of change of mountain ecosystems on transformation of hydrogeosphere of the Tian-Shan and Pamir-Alai and geological hazards formation*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 75-79.

22. Atykenova, E.E. Resource of hydroshere and water geological hazards of Kyrgyzstan. Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, p.106-109.

23. Shatravin, V., Mamatkanov, D., Satylkanov, R., Ermenbaev, B., Watkins, D. Ledovye resursy Tyan-Shanya v zabronirovannyh lednidkah (*Glacial resources of buried glaciers in the Tien Shan*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp.110-119.

24. Elemanov, O.I., Abylmeyizova, B.U. Climate change impact on the dynamics of the forest-meadow of the border of the Sary-Jazz river basin. Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp.120-124.

25. Tuzova, T., Satylkanov, R., Shatravin, V., Watkins, D. Isotopy urana v vodah i ldah verhoviev reki Naryn (*Uranium isotopes in ice and waters of the upstream of the Naryn*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 125-130.

26. Matveeva, I.V., Meyirman, F.S., Nursapina, N.A., Shynybek, B.A. Metody koncentrirovaniya isotopov urana iz vod v polevyh usloviyah (*Methods of concentration of isotopes of uranium from water in field conditions*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 131-133.

27. Bazhanova, L.V. Ocenka gidrologicheskogo monitoring i vosstanovlenie stoka rek metodom parnoi korrelyacii (*Assessment of hydrological monitoring and restoration of*

river flow by the method of pair correlation). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 134-140.

28. Orolbaeva, L.E., Usupaev, Sh.E. Map of engineering geonomy and model of hydrogeosphere of Tian-Shan – Jungaro – Pamirsky vergent orogen. Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp.146-150. https://www.science-journal.kg/
29. Mamatkanov, D.M. Optimalnie puti ispolzovaniya transgranichnih vodnih resursov gosudarstvami centralno-aziatskih respublic (*Optimal ways of use of transboundary water resources by the states of the Central Asian republics*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp.154-158.
30. Tuzova, T.V., Zaginaev, V.V., Shatravin, V.I., Watkins, D., Matveeva, I.V., Saidov, S.M. Uran v vodah zon formirovaniya stoka transgranichnih rek Tyan-Shanya i Pamira (Uranium in waters of transboundary river source zones in the Tien Shan and Pamir). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 178-185.
31. Bazhanova, L.V. Vliyanie izmenenii klimata na gidrologicheskii rejim rek vysokogornoi zony (na primere reki Kashka-Tor, bassein ozera Issyk-Kul) (*Climate change influence on hydrological river regime of high-mountain zone (on the example of the Kashka-Tor river, a basin the of Issyk-Kul lake)*). Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 3, 2018, pp. 186-191.
32. Tuzova, T.V., Shatravin, V.I., Saidov, M.S., Salikhov, F. S., Matveyeva, I.V. Disequilibrium uranium in water and ice of Pamiro-Alai. Nauka i innovacii (Science and Innovations), Dushanbe, No. 3, 2018, pp.160-170.
33. Rasulzada, K.H., Kobuliev, Z.V., Kodirov, A.S. Physical and Geographical Factors of the Formation of Runoff and Water Regime in the Panj River Basin. Nauka i innovacii (Science and Innovations), Dushanbe, No. 3, 2018, pp. 170-176.
34. Davlatov, F.S., Gairatov, V.T. Hydrogeological Characteristics of Underground Water of Gissaro-Alay. Nauka i innovacii (Science and Innovations), Dushanbe, No. 3, 2018, pp. 269-276.
35. Tuzova, T.V., Saidov, M.S., Salikhov, F.S. Studying the formation of Varzob river's flow by uranium-isotope method. Nauka i innovacii (Science and Innovations), Dushanbe, No. 3, 2018, pp. 269-276.
36. Usupaev, Sh.E., Ergeshov, A.A. Laws on Water in the Market of the Environment and Regularity of Water Resources Placement in the World and Central Asia. Nauka i innovacii (Science and Innovations), Dushanbe, No. 3, 2018, pp. 285-289.
37. Saidov, S.M. Activities Softening the Effects of Hazardous Natural Processes for Mountain and Pedagornal Areas (on the Example of the Yakhsu Depression). Nauka i innovacii (Science and Innovations), Dushanbe, No. 3, 2018, pp.187-192.

38. Davlatov, F.S. The main Direction Protecting the Population from Landslides, Collapse, Floods and Other Processes. Nauka i innovacii (Science and Innovations), Dushanbe, No. 3, 2018, pp.206-208.

39. Niyozova, M.A. Cadaster of Lakes of Tajikistan – an Inseparable Component of Water Resources in the Republic of Tajikistan. Nauka i innovacii (Science and Innovations), Dushanbe, No. 3, 2018, pp.254 -260.

40. Zaginaev, V., Ballesteros-Cánovas, J.A., Erokhin, S., Matov, E., Petrakov, D., & Stoffel, M. (2016). Reconstruction of glacial lake outburst floods in northern Tien Shan: Implications for hazard assessment. *Geomorphology, 269*, 75-84.

41. Meleshko, A. A., Konovalov, Y., Zaginaev, V., & Anatskaya, E. E. (2017). Remote Sensing Based Monitoring: Glacier Changes in Alaarcha and Alamedin River Basins in the Northern Tien-Shan. In *Youth of XXI Century in a Scientific, Cultural and Educational Environment: New Values, Challenges, Perspectives*, pp. 138-142.

42. Erokhin, S. A., Zaginaev, V. V., Meleshko, A. A., Ruiz-Villanueva, V., Petrakov, D. A., Chernomorets, S. S., ... & Stoffel, M. (2018). Debris flows triggered from non-stationary glacier lake outbursts: the case of the Teztor Lake complex (Northern Tian Shan, Kyrgyzstan). *Landslides, 15(1)*, 83-98.

43. Zaginaev, V., Petrakov, D., Erokhin, S., Meleshko, A., Stoffel, D. M., & Ballesteros-Cánovas, J. A. (2019). Geomorphic control on regional glacier lake outburst flood and debris flow activity over northern Tien Shan. *Global and Planetary Change*.

44. Zaginaev, V., Falatkova, K., Jansky, B., Sobr, M., & Erokhin, S. (2019). Development of a Potentially Hazardous Pro-Glacial Lake in Aksay Valley, Kyrgyz Range, Northern Tien Shan. *Hydrology, 6(1)*, 3.

45. Hill, Alice F., Minbaeva, Cholpon K., Wilson, Alana M., Satylkanov, Rysbek. (2017). Hydrologic Controls and Water Vulnerabilities in the Naryn River Basin, Kyrgyzstan: A Socio-Hydro Case Study of Water Stressors in Central Asia. *Water 9*, No. 5: 325. http://www.mdpi.com/2073-4441/9/5/325.

46. Hui-Qin Wang, Feng Chen, Ermenbaev Bakytbek, Satylkanov Rysbek. Comparison of drought-sensitive tree-ring records from the Tien Shan of Kyrgyzstan and Xinjiang (China) during the last six centuries. *Advances in Climate Change Research*. Beijing, China, 2017.

47. Satylkanov, R. Ablation of Ice and Snow of Kara-Batkak Glacier and Its Impact on River Flow. *Journal of Climate Change*, Vol. 4, No. 2 (2018), pp. 1–14.

48. Crétaux, Jean-François, Bergé-Nguyen, Muriel, Calmant, Stephane, Jamangulova, Nurzat, Satylkanov, Rysbek, Lyard, Florent, Perosanz, Felix, Jacques Verron, Amanda Samine Montazem , Gianfranco Le Guilcher, Delphine Leroux, Joel Barrie, Philippe Maisongrande and Pascal Bonnefond. Absolute Calibration or Validation of the Altimeters on the Sentinel-3A and the Jason-3 over Lake Issykkul (Kyrgyzstan). *Remote Sens*. 2018, 10, 1679.

49. Matveyeva, I., Meiirman, F., Nursapina, N., Satybaldiyev, B., Tuzova, T., Shalabayev, Z., & Shynybek, B. (2019). Concentration of uranium isotopes by in-situ coprecipitation on activated coal and iron (III) hydroxide. Chemical Bulletin of

Kazakh National University, Inorganic Chemistry, v 1, p. 4-11. /https://bulletin.chemistry.kz/index.php/kaznu/index DOI: https://doi.org/10.15328/cb1000

50. Tuzova, T., Erokhin, S., Zaginaev, V., Watkins, D. Osobennosti formirovaniya vodnyh resursov basseina r. Ala-Archa (Severnii Tyan-Shan) (*Water Resources Formation in the Ala Archa River Basin (Northern Tien-Shan)*) //Central Asian Journal of Water Research (CAJWR) (accepted for publication)

The following articles are in the process of publishing in the journal Nauka, novyye tekhnologii i innovatsii Kyrgyzstana (Science, New Technologies and Innovations of Kyrgyzstan), No. 4, 2019 (https://www.science-journal.kg/). The funds for publishing the accepted 58 articles were planned in the approved budget of PEER454. The texts of all the articles are in Russian, and the abstracts are in English, Russian, and Kyrgyz:

1. Abdullaev, B.D., Andreev, D.N. To the question of the device of water deposits of the gallery type on the wells of the Sartamgala plot (GP the example of the Sartamgaly Akhangaran GL); pp. 201-204
2. Abdullaev, B.D., Tashpulatova, D.Sh. Assessment of geoecological disturbance of tightness of human settlement territories; pp. 205-208
3. Abdusamadzoda, D.A., Abdushukurov, M.V. Biomonitoring bases on the mosses on the territory of Republic of Tajikistan; pp. 4-10
4. Abdushukurov, D.A., Abdusamadzoda, D., Mamadaliev, B., Nazarova, O.D., Stotsky, D.F., Shaymuradov, F. Parameters of waters in the main rivers of Tajikistan; pp. 11-15
5. Abdushukurov, D.A., Mamadaliev, B., Shaymurodov, F. Origin of water in the Zerapshan river basin in the spring period; pp. 16-21
6. Alamanov, S.K., Li, Yaoming, Abdyzhaparuulu, S., Satarov, S.S. Research quality of water of the rivers of Issyk-Kul valley; pp. 22-24
7. Alimjanova, K.A., Soatov, G.T., Adilova, M. A. Sravnitelnoye izucheniye rasprostraneniya diatomovykh saprobnykh indikatornykh vodorosley po techeniyu reki Kashkadar'i (Uzbekistan) (*Comparative analysis of distribution of marker saprophytic diatoms along the Kashkadarya river (Uzbekistan*)); pp. 25-29
8. Akhmedov, S.M., Satarov, S.S. The summering of natural environmental risks of the Naryn region; pp. 129-131
9. Bazarbayev, A.T., Baekenova, M.K., Mamadiyarov, B.S., Bazarbaeva, A.A. Studying the impact of climate change on water resources of the transboundary river Ile; pp. 30-32
10. Bakirova, Ch.B., Chekeev, T.B., Asankulov, T.Zh., Monoldorova, A., Sulaimanov, A.B. Condition and environmental problems of the use of land and water resources of the Issyk-kul region of Kyrgyzstan in the conditions of economic reforms; pp. 269-271
11. Veysov, S.K., Hamrayev, G.O. Impact of climate change on water resources of Turkmenistan; pp. 33-37
12. Gayev, A. Ya. Water supply issues and the environmental challenges of the 21st century; pp. 209-211

13. Gayev, A.Ya., Kudelina, I.V., Leontieva, T.V. Water industrial problems of water deficiency territories on the example of the Southern Urals; pp. 212-215
14. Edigenov, M.B. Engineering-mold geological hazards from natural waters of Kazakhstan; pp. 132-138
15. Zaginaev, V.V., Erokhin, S.A., Kubanychbek uulu Nursultan, Chontoev, D.T. Monitoring of the high mountain lakes of the northern slope of the Kyrgyz Range to determine the potential dangerous period; pp. 143-145
16. Kalashnikova, O.Yu., Esenaman uulu Mohammed, Usubaliev, R.A. The impact of climate change on the runoff and glaciers of the Ala-Archa river basin for the period 1915-2018; pp. 38-40
17. Kojobaev, K.A., Otorova, S.T., Totubaeva, N.E., Moldogazieva, G.T., Kasiev, A.K. About some physical and chemical indicators of underground waters of At-Bashi village; pp. 223-226
18. Kudelina, I.V. On the water supply of the urbanized territories on the example of Orenburg city agglomeration; pp. 227-231
19. Kudelina, I.V. On the process of the formation of the chemical composition of underground water in the Southern Ural; pp. 252-256
20. Lagutin, E.I. Water resources of Central Asia at the present stage (problems and prospects); pp. 231-232
21. Leonteva, T.V. The analysis of the system of water supply of the population in the Eastern Orenburg region; pp. 240-243
22. Leonteva, T.V. Climatic features of the water resources of Eastern Orenburzhie; pp. 244-247
23. Lipkin, V.I., Mavlianbekov, Sh.Y. Inflow of water in Toktogul storage pool and rate-of-flow through Toktogulskoe hydroelectric power plant; pp. 260-263
24. Lipkin, V.I. Hydropower rivers of the Issyk-Kul basin; pp. 264-268
25. Mustafayev, Zh.S., Kozykeyeva, A.T., Zhanymkhan, Kurmanbek. Technique for determination of environmentally limit admissible loading in the division of small river basin potential of the Djuuku and Chon-Kyzyl-Suu; pp. 272-276
26. Omoshev, N.D, Turkbaev, P.B., Bekbosunov, R.R. About geological hazards of water genesis at the deposit of Kara-Keche of the Kavak coal basin of Kyrgyzsan; pp. 149-151
27. Razykov, B.H. Prospects of rational use of stocks of mineral waters of the southern Gissar hydrogeological massif; pp. 248-251
28. Saidov, M.S., Tuzova, T.V., Saidov, S.M. Climate change as a factor of damages due to water excess during floods (the example of the transboundary river Pyanj); pp. 56-60
29. Saidrahmonzoda S.S., Valiyev Ş.F. Geological hazards associated with the performance of research and exploratory works in the aquatoria of the Kayrakum reservoir (on the example of the Mahram oil and gas field); pp. 158-161

30. Saidrahmonzoda, S.S., Valiyev, S.F. Control and administration of repression of the layer in the process of drilling projected searching and exploration wells on the square of Mahram to decrease geological hazards and technological exposure; pp. 152-157
31. Chontoev, D.T., Satylkanov, R.A., Mamatkanov, D.T. The connection between the level of Issyk-Kul Lake with its evaporability and humidity; pp. 65-74
32. Sayakbaev, D., Satylkanov, R.A., Shatravin, V.I. Analysis of changes in water reserves in seasonal snow on the reference Kara-Batkak Glacier; pp. 75-80
33. Tuzova T.V., Watkins, D. Genetic composition of surface and groundwater of Chon-Kyzylsuu river basin in a changing climate; pp. 81-84
34. Tuzova, T.V., Erokhin, S.A., Zaginaev, V.V., Watkins, D. Non-equilibrium uranium as a natural radioactive indicator of genesis of surface and underground water in Central Asia; pp. 85-91
35. Turkbaev, P.B., Omoshev, N.D., Bekbosunov, R.R. Paragenetic water geological hazards on the example of the coals of the Kyrgyzstan tye coals; pp. 162-165
36. Usubaliev, R.A., Mamadalieva, Z.E., Osmonov, A.T. Analysis and assessment in transboundary river basins Kurkuroo, Padysha-Ata, Isfana and Ak-Suu: present state of glacial systems; pp. 92-98
37. Usupaev, Sh.E., Erokhin, S.A., Narama, Çuyiko, Dayirov, M.A., Usubaliev, R.A. Engineering-geonomic map and model of glacier-dependent typology of breakout mountain lakes in Kyrgyzstan; pp. 178-184
38. Usupaev, Sh.E., Achkasov, P.V. Engineering-geonomy genesis of water resources monitoring world and its subscripts; pp. 170-177
39. Hajamberdiev, I., Prokhorenko, V. Water-ecological risks in Central Asia; pp. 277-280
40. Chembarisov, E.I., Mirzakobulov, Zh.B., Rakhimova, M.N., Rasulov, B.O., Tillaeva, Z.U. Hydroecological monitoring of the quality of river waters of the Amudarya river basin within Uzbekistan; pp. 99-102
41. Sharifov, G.V. Development of rural water supply - a priority of the government of the republic of Tajikistan; pp. 107-109
42. Sharifov, G.V., Sarabekov, N.Sh. Types and paragenetic associations of the geological processes of Tajikistan; pp. 185-189
43. Shatravin, V.I., Satylkanov, R.A., Ermenbayev, B.O. Spatial prediction of mudflow hazard based on facial-lithological features of the mud-forming sediments; pp. 190-194
44. Ermenbayev, B., Mamatkanov, D., Satylkanov, R., Popovnin, V.V. Change in approaches of the mass-balance calculations of the glaciers of the inner Tien-Shan; pp. 116-121
45. Yusupov, Sh.S., Shin, L.Yu. Features change the content of carbon dioxide in groundwater of Uzbekistan; pp. 257-259
46. Yusupov, Sh.S., Shin, L.Yu. One possibility to forecast the place of the future earthquake by the hydrogeosemological method; pp. 195-200

47. Yusupov Sh.S., Umurzakov R.K. Peculiarities of molecular hydrogen expression in underground water in various seismotectonic conditions of Uzbekistan; pp. 122-125
48. Veisov, S.K., Hamraev, G.O. Vlienie izmeneniya klimata i vodnye resursy transgranicnoi reki Ili (*Climate change effect and water resources of the transboundary Ili river*) ; pp. 33-37
49. Ergeshev, A.A., Usupaev, Sh.E. Vodnye problem na rynke okruzhauschei sredy (*Water problems at the market of environment*) ; pp. 110-115
50. Karlykhanov, O.K., Tajieva, T.Ch., Daldabaeva, G.T., Jakashov, F.M. Problema regulirovaniya vodnyh resursov reki Syr-Daria s uchetom ee transgranichnogo statusa (*Problems in regulation water resources of Syr-Darya river considering its transboundary status*); pp. 41-47
51. Satarov, S.S., Alamanov, S.K., Abdyzhapar uulu, S., Li, Youming. GIS-model' basseinov rek Kochkorskoy doliny (gudrografiya I morfometriya) (*GIS-model of the rivers of the Kochkorskaya valley (hydrography and morphometry)*); pp. 61-64
52. Shagarova, L.V. Distancionnyi monitoring lednikov – vozobnovlyaemogo istochnika chistoi vody (*Remote monitoring of glaciers – a renewable resource of fresh water*); pp. 103-106
53. Klimenko, D.P., Petrenko, V.A. O vodnyh georiskah v mejgornom basseine reki Chu (*Water geological hazards in the intermontane basin of the Chu river*); pp. 143-145
54. Aitekov, P.B. O georiskah Kaspiya I vodnyh problemah Dagestana (*Geological hazards of the Caspian and water problems of Dagestan*); pp. 126-128
55. Myazina, L. Chetvertichnie galogenez i ysloviya formirovaniya mineral'nih vod, rapy i gryazi Prikaspiiskoi vpadiny (*Quaternary hologenesis and conditions of formation of mineral waters, brine and mud of Peri-Caspian depression*); pp. 146-148
56. Umurzakov, R.K., Usupov, Sh.S. Osobennosti proyavleniya molekulyarnogo vodoroda v podzemnyh vodah v razlichnyh sesmotektonicheskih ysloviyah Uzbekistana (*Manifestation of molecular hydrogen in the underground water in different seismotectonic conditions in Uzbekistan*); pp. 166-169
57. Lagutin, E.I., Smolyar, V.A., Kozhobaev, K.A. Ispolzovanie matematicheskih metodov pri geneticheskom issledovanii podzemnoi gidrosfery (*The use of mathematical methods in genetic investigation of underground hydrosphere*); pp. 233-239
58. Mustafin, S.K. Transformation of water quality of the transboundary river basins Amur, Sungari, and Tanalyk; pp. 52-55

Appendix 2

Technical Research Presentations

1. Tamara Tuzova "Water Resources Response on Glacier Dynamics in Central Asia Transboundary River Basins" - Presentation the High-Level Symposium on SDG 6 and Target, 9-11 August 2016, Dushanbe (simultaneous event: "Increasing potential and strenghening regional cooperation and academic exchange to achieve SDG6")

2. T.V. Tuzova. "Uranium isotopic method of evaluating the genesis of underground and surface waters and relative distribution of water resources of little-investigated mountain rivers" // International consultational workshop "Developing a national strategic program to increase resilience to climate change in the Kyrgyz Republic," Bishkek, April 21, 2016.
3. T.V. Tuzova presented the uranium isotope method as a tool for assessing radioactive contamination of surface and underground waters by wastes from the uranium tailing dams in Kadji-Sai (Issyk-Kul Oblast, Kyrgyz Republic) at the seminar "Promoting the Concept of Water Related Ecosystem Services in CA", Bishkek, 8 April 2016, Central Asian Regional Ecological Center in Kyrgyzstan (CAREC).
4. T.V. Tuzova presented a paper highlighting the need to study deglaciation impacts on water resources of mountain rivers in Central Asia using isotopic methods at the 14th Meeting of the Coordination Council of National Policy Dialogue on Integrated Water Resources Management in Kyrgyzstan in Bishkek on 15 April 2016.
5. T.V. Tuzova delivered a presentation on the use of the uranium isotope method in CA water resource studies at the international seminar "Development of a National Strategic Programme to Increase Resilience to Climate Change in the Kyrgyz Republic" in Bishkek on 21 April 2016.
6. Tamara Tuzova, Vladimir Shatravin. Studying resources of surface and underground water with uranium isotopic method //Training Workshop on USGS Techniques for Integrated Surface-Water and Groundwater Resources Data Collection, Management, Analysis and Dissemination, USA, New Hampshire, May 7-11, 2016.
7. T.V. Tuzova "Role of women in conducting fieldwork on studying distribution of mountain river runoff." International workshop "Expanding rights and opportunities of women in sustainable management of water resources in Central Asia and Afghanistan", Almaty, June 16-19, 2016.
8. Tuzova T.V. Presentation on and training in accelerator mass spectrometry (AMS) for radiocarbon dating with infrared spectroscopy as quality control for organic specimens. Radiocarbon Dating Laboratory Weizmann Institute of Science (Rehovot 76100, ISRAEL) 05.12.2016-05.01.2017.
9. Tuzova, T.V., Matov, E. Presentation on uranium isotope analysis as a tool for water resource assessment // International workshop on remote modeling of earth resources, CAREC, Almaty. 09 – 11.03.2017.
10. Tuzova, T.V. Presentation on Waste Water at the United Nations World Development Report 2017. AUCA, Bishkek, 31.03.2017.
11. Tuzova, T.V. Presentation on training of highly qualified academic staff at the 2nd CAREN (Central Asian Research and Education Network) Regional Networking Conference: Empowering the Central Asian research and education communities through global high-speed networking.
12. Tuzova, T.V. Presentation on uranium isotopic method of dating natural objects at the 2nd International Radiocarbon in the Environment Conference. Debrecen, Hungary, 3 – 7.07.17

13. Tuzova, T.V. Remote presentation at the 3rd All-Russian Academic Conference with International Participation: Water and environmental issues of Siberia and Central Asia; Barnaul, Russian Federation, August 28 to September 01, 2017
14. Tuzova, T.V., Matveyeva, I. Participation in and presentation of two reports at the 4th International Conference on Radiology and Environmental Radioactivity, ICRER. Berlin, 03-06.09.17.
15. Tuzova, T.V. Participation in and a presentation on uranium isotopic method in hydrology at The 13th National Congress on Theoretical and Applied Mechanics. Sofia, Bulgarian Academy of Sciences, 6-10. 09.2017.
16. Tuzova, T.V. Participation and a presentation at the 11th International Scientific Conference on Nuclear and Radiation Physics; Institute of Nuclear Physics of the Ministry of Energy of the Republic of Kazakhstan, Almaty, 12-15.09.17.
17. Tuzova, T.V. Remote presentation at the 7th International Academic Conference: Natural resource management issues and environmental situation in European Russia and adjacent areas; Belgorod National Research University, Russian Federation, 13-15.10, 2017.
18. Tuzova, T.V., Erokhin, S.A., Zaginaev, V.V., Usupaev, Sh. E. Participation and a presentation at the 9th Kazakh-Chinese International Symposium on Forecast of earthquakes and assessment of seismic hazard and seismic risk in Central Asia. Institute of Seismology, Almaty, 24-27.10.17.
19. Tuzova, T.V. Participation and a presentation at the International Theoretical and practical Conference on Water Resources of Central Asia. ISTC, Almaty, 02-03.11.2017.
20. Tamara Tuzova, Rispek Satylkanov, Vladimir Shatravin, Temur Khujanazarov, David Watkins. "Assessment of the water quality under anthropogenic Impact in the upstream of the Naryn River using radiological analysis". 13th International Conference on Desert Technology (DT-13) and 3rd International Conference on Arid Land (ICAL-3), March 12–16, 2018, / Ambedkar bRihar University, Chennai-Pondicherry, India.

16 presentations of the PEER454 participants at the International Theoretical and Practical Conference "Water for Sustainable Development of Central Asia", Dushanbe-Bishkek, March 22-24, 2018 are listed in the Appendix

21. D.M. Mamatkanov. Optimal ways of use of transboundary water resources by the states of the Central Asian republics; IWP HP NAS KR
22. Z.V. Kobuliev, D.M. Mamatkanov, T.V. Tuzova, Sh.E. Usupaev, A.R. Fazylov. Experience of international cooperation in the training of high qualification for sustainable development of the countries of Central Asia; IWP HP NAS KR and IWP HPE AS RT
23. L.V. Bazhanova Assessment of hydrological monitoring and restoration of river flow by the method of pair correlation

24. T.V. Tuzova[1], V.V. Zaginaev[1], V.I. Shatravin[2], D. Watkins[3], I.V. Matveeva[4], S.M. Saidov[5]. Uranium in waters of transboundary river source zones in the Tien Shan and Pamir; [1]Institute of Water Problems and Hydro Power NAS KR; [2]Tien Shan High Mountain Science Center, KR; [3]Michigan Technological University, the U.S., [4]Al Farabi Kazakh State University, [5]Tajik State University

25. T.Tuzova[1], R.Satylkanov[2], V.Shatravin[2], D.Watkins[3]. Uranium isotopes in ice and waters of the upstream of the Naryn; [1]Institute of Water Problems and Hydro Power NAS KR; [2]Tien Shan High Mountain Science Center, KR; [3]Michigan Technological University, the U.S.

26. R.G. Litvak, E. I. Nemaltseva. Justification of monitoring schemes of transboundary underground waters of the Chu valley in Kyrgyzstan; Institute of Water Problems and Hydro Power NAS KR

27. S.A. Erokhin, V.V. Zaginaev. Relation between debris flow activity and moraine formation; Institute of Water Problems and Hydro Power NAS KR

28. Shatravin[1], D.Mamatkanov[2], R.Satylkanov[1], B. Ermenbaev[1], D. Watkins[3]. Ice resources of debris-covered glaciers in Tien Shan; [1]Tien Shan High Mountain Science Center, KR; [2]Institute of Water Problems and Hydro Power NAS KR; [3]Michigan Technological University, the U.S.

29. I.V. Matveeva, F.S. Meyirman, N.A. Nursapina, B.A. Shynybek. Methods of concentration of isotopes of uranium from water in field conditions; Al Farabi Kazakh National University, Almaty, Kazakhstan

30. L.V. Bazhanova. Climate change influence on hydrological river regime of high-mountain zone (on the example of the Kashka-Tor river, a basin the of Issyk-Kul Lake); Institute of Water Problems and Hydro Power NAS KR

31. Zaginaev V., Erokhin S.A., Kubanychbek uulu Nursultan. Debris flow activity on Aksay fan (northern slope of Kyrgyz range); Institute of Water Problems and Hydro Power NAS KR

32. O.I. Elemanov, B.U. Abylmeyizova. Climate change impact on the dynamics of the border of the forest - meadow - stepped belt of the Sary- Jazz river basin; Institute of Water Problems and Hydro Power NAS KR

33. L.E. Orolbaeva. Influence of change of mountain ecosystems on transformation of hydrogeosphere of the Tien-Shan and Pamir-Alai and geological hazards; Mining and Mining Technologies Institute of Razzakov KSTU

34. E.T. Toktoraliev, N.D. Begimbayev. Study of recreational potential of territorial-recreational system "SHAMSI"; Institute of Water Problems and Hydro Power NAS KR

35. P. Zoriy, M. Schläger, T. Tuzova, M. Zoriy,J. Pillath, B. Heuel-Fabianek. Assessment of uranium concentration in water samples collected in selected regions of the Republic of Kyrgyzstan

36. L. V. Bajanova. Results of joint hydrological monitoring

2 presentations delivered at the Short Course on Geospatial Modeling in Forestry and Ecology for Climate Change Response Studies in India in April 14-28, 2018 are listed in the Appendix

37. Bakyt Zhakeev, Kyrgyzstan; A.R. Siddiqui, India; Damodar Sharma, Nepal; Limara Aligazhiyeva, Kazakhstan; Bayarmaa Enkhbold ,Mongolia; Irosha Jayalath, Sri Lanka. Species distribution modeling of Tsuga dumosa (Himalayan hemlock) in the Himalaya, Nepal.
38. A.L.K Wijemannage, Sri Lanka; Sirojidin Boboev, Isoeva Mijgona,Tajikistan; Keishna Pasad Bhandari, Nepal; Ya. Sainzaya, Mongolia; Asanakunova Gulzat, Kyrgyzstan. Species Distribution Modeling of Ceryle Rudis using Maxent (A case study of Sri Lanka).

8 presentations delivered at the International Workshop "Hydropower of Central Asia: Importance, Issues and Opportunities" (May 26-28, Dushanbe, Tajik National University) are listed in the Appendix.

39. Tuzova T.V., Shatravin V.I., Saidov M.S., Salikhov F. S., Matveyeva I.V. Disequlibrium Uranium in Water and Ice of Pamiro-Alay.
40. Rasulzada K.H., Kobuliev Z.V., Kodirov A.S. Physical and Geographical Factors of the Formation of Runoff and Water Regime in the Panj River Basin.
41. Davlatov F.S., Gairatov V.T. Hydrogeological Characteristic of Underground Water of Gissaro-Alay.
42. Tuzova T.V., Saidov M.S., Salikhov F. S. Studying the Formation of Varzob River Flow with Uranium Isotopic Method.
43. Usupaev Sh.E., Ergeshov A.A. Laws on Water in the Market of the Environment and Regularity of Water Resources Placement in the World and Central Asia.
44. Saidov S.M. Activities Mitigating the Effects of Hazardous Natural Processes in Mountain and Pedagornal Areas (on the Example of the Yakhsu Depression).
45. Davlatov F.S. Protecting the Population from Landslides, Collapse, Floods and other Processes.
46. Niyozova M.A. Cadastre of Lakes of Tadjikistan – an Inseparable Component of Water Resources in the Republic of Tadjikistan.
47. T. Tuzova, Sh. Usupaev. Discussing partnership of scientists of mountainous countries for "The Eurasian Mountain Charter". International Round Table: "One Belt – One Way: Partnership of Mountainous Countries of CA during the Global Climate Change"; Bishkek, National Academy of Sciences, May 18, 2018.
48. International Training Workshop on Monitoring and Study of Ecosystems in Central Asia: Findings and Application, Kyzylsu, Kyrgyzstan, August 26-30, 2018. Paper: "Long-Term Forecast of Glacial Changes in Central Asia Based on Paleoglacial Research Data and Radiocarbon Dating of Moraines", V. Shatravin, Tien Shan High Mountain Science Center of the Institute of Water Problems and Hydro Power NAS KR.

Listed in the Appendix are 5 presentations delivered at the International Training Course on "Monitoring and study on the ecosystem of Central Asia: results and scientific-practical implications"; August 26-30, 2018, Kyzyl Suu, Issyk Kul, Kyrgyzstan:

49. Tamara Tuzova; Institute of Water Problems and Hydropower of the NAS KR. Uranium isotope method for determining the genesis of water and estimating the distribution of the flow of transboundary rivers of the Tien Shan and Pamir (according to the results of PEER project 454)
50. Temur Khujanazarov, Kyoto University, Japan. Water resources management in the Aral Sea Basin
51. Vladimir Shatravin; Tien-Shan High Mountain Scientific Centre. Long-term forecast of glacial changes in Central Asia on the basis of paleoglaciological studies and radiocarbon dates of moraines
52. Bakytbek Ermenbaev; Tien-Shan High Mountain Scientific Centre. The monitoring of Kara-Batkak glacier
53. Rysbek Satylkanov; Tien-Shan High Mountain Scientific Centre. Tien-Shan High Mountain Scientific Centre and its activities

The following paper was delivered at the International thematic conference devoted to the 100th anniversary of the Institute of Geography at the Russian Academy of Sciences "Applied Geography and Challenges of the 21st Century"; Section: "Climate Change: Environmental Compliance, Vulnerability and Adaptability of Territorial Systems", Moscow, June 4-6, 2018.

54. R. Satylkanov, V. Shatravin, B. Ermenbaev, V. Popovnin. Tien Shan High-Mountain Research Center and Its Activities//

International Conference «Risk assessment and Risk management of water resources in Transboundary rivers basins of Central Asia» devoted to the International decade for action "Water for sustainable development (2018-2028)" September 26-27, 2018; Dushanbe.

55. T.V. Tuzova. Radioecological peculiarities of water of transboundary rivers based on nonequilibrium uranium
56. T.V. Tuzova. Discussing future plans of using isotopic methods in hydrology. The workshop and meeting on joint scientific and research projects between AS RT, Chinese AS and interested parties.
57. T. Tuzova, discussing future plans of using nonequilibrium uranium in hydrology. Round Table on Using Knowledge and Best Practices in Developing Priorities on Rational Use of Water Resources, Adaptation to Climatic Changes and other Goals of Sustainable Development; Dushanbe, IWP HPE AS RT

Scientific and Technological Conference on New Approaches in Mitigating Hazards; Bishkek, Ministry of Emergency Situations, October 5, 2018, Bishkek

58. T. Tuzova. Radiological condition of transboundary river basins of KR.

26 presentations delivered at the International Workshop on the World Water Day and International Decade for Action "Water for Sustainable Development 2018-2028" based on the

results of USAID PEER454 Project "Water resources response on glacier dynamics in Central Asia transboundary river basins" on 25-27 March 2019 are listed in the Appendix:

59. Litvak, Rafael. Assessment of Changes in the Groundwater Inflow to Issyk-Kul Lake in the Context of Climate Change (Case Study of the Chon-Kyzylsuu River Basin); Institute of Water Problems, Hydro Power and Ecology of the Kyrgyz National Academy of Sciences, Bishkek
60. Usupaev, Sh.E. et al. Engineering and geonomic map and model of glacial and permafrost typification of outburst-prone mountain lakes in Kyrgyzstan
61. Satylkanov, Rysbek. Correlation Between Air Humidity and Evaporation and the Issyk-Kul Lake Level
62. Saidov, M.S., Tuzova, T.V., Saidov, S.M. Climate Change as a Factor of Damage from Excessive Water Runoff During Flood Periods (Case Study of the Panj River). Tajik National University, Dushanbe; IWP HP NAS KR, Bishkek
63. Normatov, Inom. Influence of climate change on meteorological, hydrological conditions and formation of snow cover in the basins of the Amu Darya tributaries; IWP HPE AS RT, Dushanbe
64. Eshonkulva, Rano. Interstate Water Resource Risk Management: Towards a Sustainable Future for the Pyanj River Basin; IWP HPE AS RT, Dushanbe
65. Kulenbekov, Zh.E. Advanced Methods for Researches in Integrated Water Resource Management: Kyrgyzstan, Tajikistan and Afghanistan; American University of Central Asia, Bishkek
66. Tuzova, T., Erokhin, S., Zaginaev, V. Water Resources Formation in the Ala Archa River Basin; IWP HP NAS KR, Bishkek
67. Chembarisov, E.I. et al. Hydroecological Monitoring of Water Quality in the Amudarya River in Uzbekistan; Research Institute of Irrigation and Water Problems, Tashkent
68. Karlykhanov, Orazkhan. Problems of Water Resource Regulation with the Syrdarya River in the Light of Its Transboundary Status; Kazakhstan, Taraz
69. Shenberger, Igor. Changes in the Water Regime and Surface Water Resources of the Irtysh River. Kazakh Agency of Applied Geology, Almaty
70. Khadjamberdiev, Igor. Water and Environmental Risks in Central Asia; S. Tentishev Asian Medical Institute, Bishkek
71. Usupaev, Sh., Ergeshov, A.A. Water Resource Market Functions in Ecology; IWP HP NAS KR, Bishkek
72. Usupaev, Sh.E. Engineering and Geonomic Models of Lateral and Vertical Water Resource Monitoring Across the World; IWP HP NAS KR, Bishkek
73. Alimzhanova, Kh., Soatov, G.T., Adylova, M.A. Comparative Analysis of Distribution of Marker Saprophytic Diatoms along the Kashkadarya River; Tashkent
74. Abdushukurov, D.A., Mamadaliev, B., Shaimurodov, F. Water Sources in the Zeravshan River Basin in Spring Season; Institute of Water Problems, Hydropower and Ecology of the Tajik National Academy of Sciences, Dushanbe

75. Anzelm, Karl. Case Record of Water-Saving Irrigation Technologies in Southern Kazakhstan as a Basis for Transition to Green Economy
76. Satarov, S.S., Alamanov, S.K. (Geography Department of the Institute of Geology, Kyrgyz National Academy of Sciences), Abdyzhapar uulu Salamat (Research Center for Ecology and Environment in Central Asia, Bishkek). GIS Model of the Kochkor River Basin (Hydrography and Morphometry)
77. Usubaliev, Ryskul. Analysis and Assessment of the Current Situation in the Transboundary River Basins of Kurkuroo, Padysha-Ata, Ak-Suu and Isfana: Modern Glacial Systems; Central-Asian Institute for Applied Geosciences (CAIAG)
78. Urseitova, Nurai. Problems of Using Mountain Springs for Water Supply; IWP HP NAS KR, Bishkek
79. Erokhin, S.A., Zaginaev, V.V. Assessment of Impacts of Buried Ice in Degrading Glaciers on River Streamflow in the Northern Tien Shan in the Context of Climate Change; IWP HP NAS KR, Bishkek
80. Shatravin, V.I. Spatial Forecasting of Mudflow Hazards Based on Facies and Lithological Characteristics of Mudflow-Forming Deposits; TSHMSC
81. Sayakbaev, Daniyar. Analysis of Changes in Seasonal Snow Water Equivalent in Glaciers of the Inner Tien Shan; TSHMSC
82. Kubanychbek uulu Nursultan. Monitoring of High-Altitude Lakes in the Northern Tien Shan to Identify Outburst Hazard Periods in the Context of Climate Change; IWP HP NAS KR, Bishkek
83. Erokhin, S.A. Glacial and Permafrost Typification Model for Outburst-Prone Lakes in Kyrgyzstan; IWP HP NAS KR, Bishkek
84. Osmonov, Azamat. Glaciers on the Northern Slope of the Terskey Ala-Too Range: Modern Spatial Distribution of Glaciers. Central-Asian Institute for Applied Geosciences (CAIAG)
85. Ermbenbaev, Bakyt. Stratigraphic Method of Glacier Mass Balance Calculation in the Inner Tien Shan; TSHMSC

Appendix 3

Project CARAWAN