

## **МЕЛКОНЯН ГРАНУШ ФЕЛИКСОВНА**



### **Научная степень**

кандидат технических наук, по специальности 05.23.05 - «Водохозяйственные системы и их эксплуатация», 2005г.  
доцент, по специальности экология, 2010 г.

### **Образование**

1994-1999 Ереванский государственный университет, Факультет химии  
2001-2004 Институт водных проблем и гидротехники НАН РА, аспирантура

### **Опыт работы**

2001-2005 Институт водных проблем и гидротехники НАН РА, младший научный сотрудник  
2005-2008 Российско-Армянский (Славянский) государственный университет, кафедра этнокультурного и экологического туризма, преподаватель  
2008-2009 Российско-Армянский (Славянский) государственный университет, кафедра общей и фармацевтической химии, преподаватель  
2009-2010 Российско-Армянский (Славянский) государственный университет, кафедра общей и фармацевтической химии, старший преподаватель  
2010-по настоящее время Российско-Армянский (Славянский) университет, кафедра общей и фармацевтической химии, доцент  
2010-2015 Армянский государственный педагогический университет имени Х.Абовяна, кафедра социологии и социальной работы, доцент  
2014- по настоящее время Научный центр зоологии и гидроэкологии НАН РА, отдел гидробиологии, старший научный сотрудник

### **Специализация**

- Химия и окружающая среда (специальность: *химик-эколог*)
- Экология (специальность: *гидроэколог*)

### **Читаемые дисциплины**

- Экология
- Основы природопользования
- Общая и неорганическая химия
- Безопасность жизнедеятельности
- Гражданская оборона

## **Круг научных интересов**

- Экотоксикология (биомаркирование)
- Гидроэкология, гидроэкологический мониторинг водных объектов
- Управление водными ресурсами
- Сохранение биоразнообразия, особо охраняемые территории
- Оценка воздействия на окружающую среду

## **Научные конференции и семинары**

1. International Conference «Water Problems - 2001», Yerevan, December 12-14, 2001.
2. International Conference “Environment, Technology, Economics, water supply, sewerage - 2003”, Yalta, May 27-31, 2003.
3. International Conference on the main problems of the geography of the South Caucasus and adjacent regions, Yerevan, March 18-19.
4. International Conference «Protection and use of water resources of South Caucasian region», Yerevan, October 1-3, 2008.
5. 2nd International Conference on development of technologies and information control of environment protection in administrative areas, October 23, 2013.
6. II International Congress on Armenian Studies «Armenian Studies and the Challenges of Modern Times», October 17-19, 2013.
7. International Conference «EU-EaP STI cooperation in addressing Climate Change», Yerevan, May 15-16, 2014.
8. European Union Framework Programme for Research and Innovation «HORIZON 2020 INFORMATION DAY» with focus on: Energy, Climate and Environment, Health, Yerevan, June 11, 2014.
9. ISTC seminar, Yerevan, June 16, 2014.
10. II International Scientific Conference «Biological diversity and conservation problems of the fauna of the Caucasus», September 23-26, 2014.
11. CENN Workshop on Environmental and Social Implications of the Mining Sector, Georgia, September, 2014.
12. EU Climate Policy Roadshow NATIONAL WORKSHOP, Yerevan, October 14-15, 2014.
13. Conference on the crisis of the family institution, and ways to overcome it in the transformation society, October 27-28, 2015.
14. Eastern Partnership Regional Info Day Horizon 2020 &Energy/Environment, Yerevan, July 6, 2015.
15. European Union Framework Programme for Research and Innovation «HORIZON 2020 INFORMATION DAY» with focus on: Energy, Climate and Environment, Health, Yerevan, June 3, 2016.
16. «NATO INFORMATION DAY», Science for Peace and Security (SPS) Programme, Yerevan, November 17, 2016.
17. International Conference «Marie Skłodowska-Curie Actions MSCA: From Association to Participation», Yerevan, March 3, 2017.
18. International Conference «Wasser Berlin International», Berlin, March 28-31, 2017.

19. III International Scientific Conference «Biological diversity and conservation problems of the fauna of the Caucasus», September 27-29, 2017.

### **Гранты**

- 2001-2002** Член Рабочей группы по Водному Кодексу РА
- 2007-2008** Эксперт проекта «Экосистема и жизнеобеспечение населения Армении»
- 2008-2009** Эксперт проекта «Мониторинг Южно-кавказских рек»
- 2008-2009** Эксперт проекта «Возможное влияние Сотского перерабатывающего завода на биоразнообразии реки Масрик» («The possible impact of the Sotk Processing plant on biodiversity of Masrik river»)
- 2013-2014** Эксперт проектной группы по исследованию фауны горнодобывающей территории Амультсара
- 2014-по настоящее время** Член по Environment in the EU's Eastern neighbours
- 2015-2017** Эксперт проекта «Оценка воздействия МГЭС на речные экосистемы Армении (на примере бассейна реки Арпа)»
- 2015-2017** Эксперт проекта «Study of freshwater ecosystems (Lake Sevan and Akhuryan reservoir-Armenia, Lakes Narochand South Volos - Belarus) represents the national treasure of Armenia and Belarus in the condition of climate change»
- 2017** Black Sea Horizon Grant
- 2017-2019** Эксперт проекта «The karyological study of lake ecosystem and its bioresources represent the strategic treasure of Armenia in the condition of climate change and rising level of Lake Sevan»
- 2018-2019** Эксперт проекта «Комплексная программа по восстановлению запасов ишхана и развитию аквакультуры в озере Севан» («The Integrated Program of Trout Stocks Restoration and Aquaculture Development in Lake Sevan»)
- 2018-2020** Эксперт проекта «Экологические особенности бухт озера Севан в условиях колебания уровня воды»

### **Контакты/ адрес эл.почты**

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### **ПУБЛИКАЦИИ**

1. Melkonyan H.F., Rshtuni L.R., Hovhannisyan A.A., Ghazaryan M.A., Chuiko G.M. Comparative analysis of Cholinesterase activity of brain in fish of the Lake Sevan bays in the condition of water level fluctuation. V International Conference of Biotechnology and Health, 2020, pp. 102-103.
2. Ghukasyan E.Kh., Melkonyan H.F., Stepanyan L.G., Badalyan N.S. The features of narrow-clawed crayfish (*Pontastacus leptodactylus* Eschscholtz, 1823) population development in Lake Sevan during 1996–2018. Ecosystem Transformation, 2 (3), 2019, pp. 24-31.
3. Melkonyan H., Hakobyan S., Yepremyan H., Jenderedjian K. Assessment of the current state of shallows of Lake Sevan, formed during the rise of water level. 3rd International Scientific

- Conference «Biological diversity and conservation problems of the fauna of the Caucasus», 2017, pp. 94-98.
4. Melkonyan H. The assessment of the risk of the impact of the environmental pollution on the health of the population of the mining regions of RA. The collection of materials of 24th scientific Conference of Armenian State University of Economics entitled “Modern Challenges for Development”, 2015, pp. 224-230.
  5. Melkonyan H. The impact of ecological factors on reproductive health of youth of Armenia. Conference on the crisis of the family institution, and ways to overcome it in the transformation society, 2015, pp. 113-125.
  6. Melkonyan H. Evaluation of the impacts of Chochkan tailing on the environment. 2nd International Conference on development of technologies and information control of environment protection in administrative areas, 2014, pp. 117-123.
  7. Melkonyan H. Evaluation of the impacts of Chochkan tailing on the environment. 2nd International Conference on development of technologies and information control of environment protection in administrative areas, 2013, p. 42.
  8. Melkonyan H. The impact of the mining industry of RA on the environment. Bulletin of social sciences, № 3, 2012, p. 129-135
  9. Melkonyan H. Chemical pollution of the Debed River Basin and its impact on the human organism. Builder’s Bulletin of Armenia, № 4, 2011, p. 11-16.
  10. Melkonyan H. The impact of the mining industrial complex on the condition of Akhtala and Debed rivers. Builder’s Bulletin of Armenia, № 8-9, 2010, p. 17-22
  11. Melkonyan H. Chemical pollution of the Hrazdan River basin. Builder’s Bulletin of Armenia, №7 (143), 2009, p. 19-22
  12. Melkonyan H. Protection of the human organism against noise and vibration, 2009, 92 p.
  13. Melkonyan H. About the question of filtration calculations of the earthen dam with screen. Bulletin of State Agrarian University of Armenia, 2008, № 1 (21), pp. 81-84.
  14. Melkonyan H. About development of ecological tourism in Armenia. Bulletin of State Agrarian University of Armenia, 2007, №19 (119), pp. 30-36.
  15. Melkonyan H., Terteryan B., Hayrapetyan N. The offer of a method of compiling of irrigation conditions, applied in the conditions of Nagorno-Karabakh Republic. International Conference on the main problems of the geography of the South Caucasus and adjacent regions, 2005, pp. 117-119.
  16. Melkonyan H. On the use of groundwater of the ground areas being the property of persons at the ground areas being the property of the persons. Builder’s Bulletin of Armenia, 2005, № 1 (102), pp. 12-13.
  17. Melkonyan H. The calculation of filling the reservoir with a constant inflow. Builder’s Bulletin of Armenia, 2004, № 4 (28), pp. 3-5.
  18. Melkonyan H., Martirosyan G., Tokmajyan H. The some issues of the permit application for water systems and water servitude. Builder’s Bulletin of Armenia, 2004, № 9 (98), pp. 21-22
  19. Melkonyan H., Martirosyan G., Tokmajyan H. The some problems of the provide reliability and safety of hydrosystems. Builder’s Bulletin of Armenia, 2004, № 7-8 (96-97), pp. 17-20
  20. Melkonyan H. On some indicators of systematization the reservoirs. Builder’s Bulletin of Armenia, 2004, № 3 (27), pp. 9-10
  21. Melkonyan H., Terteryan B., Hayrapetyan N. The effective use of the irrigation water taking into account the ecology of an irrigation. International Conference “Environment, Technology, Economics, water supply, sewerage -2003”, Yalta, pp. 432-435.
  22. Melkonyan H. Dispatch control and spread of the parameters of prognosis. Agrosience, 2003, № 2, pp. 81-84

23. Melkonyan H. Parameters of regulation the operating regime of the reservoir. Agrosience, 2002, № 9-10, pp. 467-469.
24. Melkonyan H. The early prognosis of inflow in reservoir. Agrosience, 2001, № 7-9, pp. 405-408.
25. Melkonyan H. The prognosis of inflow in reservoir (as an exemple the Arpi Lich reservoir). Agrosience, 2001, №7-9, pp. 400-404
26. Melkonyan H. Main concepts and formulations used in the field of water facilities. Reports NAS RA, 2001, v. 101 (2), 164-170.
27. Melkonyan H. The concept of economic safety of a water-supply system of Armenia. Reports NAS RA, 2001, v. 101, pp. 84-88
28. Melkonyan H. About legal and economic problems of water resources management in Republic of Armenia. Reports NAS RA, 2000, v. 100, pp. 332-336.