

Aida Mammadova

Date and place of birth: 1984/09/14, Russia
Nationality: AZERBAIJAN
Residential Address: Wakunami 2-11-5, Wakunami Shukusha 1-43, Kanazawa City, Ishikawa Prefecture, Japan 920-0953
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Education

2009-2013 PhD, Department of Human Movement and Health, Medico-Environmental Studies
Graduate School of Medical Science, Kanazawa University, Japan
2005-2007 Master Degree (M.Sc) Biochemistry, Degree with Honors, Baku State University, Azerbaijan
2001-2005 Bachelor Degree (B.Sc) Biology, Baku State University, Azerbaijan

Working experience

2018-Present Associate Professor, Organization of Global Affairs, Kanazawa University, Japan
2018-Present Visiting Associate Professor, Hiroshima University, Medical Department, Hiroshima, Japan
2015-2017 Assistant Professor, International Student Center, Organization of Global Affairs,
Kanazawa University, Japan
2013-2015 Project Assistant, United Nations University Institute for the Advanced Study of
Sustainability (UNU-IAS) Operating Unit Ishikawa/Kanazawa (OUIK), Japan
2012-2013 Research Assistant, Kanazawa University, School of Medical Sciences

Others:

2019.04- Present Ishikawa Prefectural Board of Education, Kanazawa Nisui High School,
Ishikawa Prefectural Council
2018.02- Present Member of the Hakusan Tetorigawa Geopark Promotion Council Committee
2018.05- Present Member of Academic Division, Hakusan UNESCO Biosphere Reserve Council Committee
2017.04- Present Member of Ishikawa Government Internationalization Promotion Committee

Research Activities

2013-Present Environmental Education, Biosphere Reserves, Sustainable Development, Satoyama-Satoumi,
Bio-cultural Diversity
2010-2011 Human health research in India, Rishikesh and Vrindavan
2008-2009 Research in Human-Cultural Studies at the Graduate School of Human and Socio-Environment
Studies,
Kanazawa University, Japan
2005-2006 TEMPUS European Projects for Biomedical studies, Division of Immunology and Molecular
Biology,
University of Westminster, London, UK

List of Publications:

- 1) Mammadova A, Smith CD, Yashina T. (2021) Comparative Analysis between the Role of Local Communities in Regional Development inside Japanese and Russian UNESCO's Biosphere Reserves: Case Studies of Mount Hakusan and Katunskiy Biosphere Reserves. Sustainability. 13(18):10422. <https://doi.org/10.3390/su131810422>
- 2) Mammadova A. (2021), "Entrepreneurship education inside the Japanese Biosphere Reserve to trigger work opportunities for youth" European Journal of Sustainable Development, Vol 10, No 4
- 3) Aida Mammadova (2021), Integrating Japanese Local Government and Communities into the Educational Curriculum on Regional Sustainability Inside the UNESCO's Biosphere Reserves and Geoparks. Sustainability; 13(5):2497. <https://doi.org/10.3390/su13052497>
- 4) Viktoria, Vovk, and Aida, Mammadova. (2020), Comparative Analysis on the Impact of Distance Learning Between Russian and Japanese University Students, During the Pandemic of COVID-19. In: Education Quarterly Reviews, Vol.3, No.4, 438-446. DOI: 10.31014/aior.1993.03.04.151
- 5) Aida Mammadova (2019), "Sustainable development goals as educational tools to raise students' awareness of the rural development of biosphere reserves: A case study of Mount Hakusan Biosphere Reserve", Business

Strategy and Development” Business Strategy and Development, Wiley Online Library, Published Sep 5, DOI: 10.1002/bsd2.88

- 6) Aida Mammadova (2019), “Education in Biosphere Reserves to enhance intercultural competence between Japanese and Russian youth”, European Journal of Sustainable Development, Volume 8, Issue 4, 87-92, Doi: 10.14207/ejsd.2019.v8n5p87
- 7) Aida Mammadova (2019), Book Chapter: “Restoring Kinship with Nature through Japanese Gardens -The Challenge to Achieve a Sustainable Commons in Kanazawa”, Chapter 4, *Learning from the Gardens through Volunteering: Biocultural Diversity Conservation with Local Citizens, Students and Foreigners*, p 113-115, 2019, United Nations University print
- 8) Aida Mammadova (2019) Booklet “Cross-Cultural youth dialog to Achieve Sustainable Development Goals, learning from Russian and Japanese Biosphere Reserves”, Kanazawa University Press: ISBN:978-4-9910364-2-2
- 9) Aida Mammadova (2019) Cross-Cultural homestay and challenges to accept foreign settlements in Rural Areas of Japanese Biosphere Reserves; Case of Shiramine village in Mount Hakusan Biosphere Reserve”, Journal of Education and Culture Studies, Vol 3, N1, February Online Issue
- 10) Aida Mammadova (2018) “Characteristic of Japanese Geoparks in Bottom – Up management; a review paper of the first three UNESCO Global Geoparks of Japan”, Journal of Science and Tourism, Vol 9, No1, December Issue, 14-20, ISSN 2313-44-88
- 11) Aida Mammadova and Yoshihiko Iida (2018) Book: “Biosphere Reserves for Future Generations: Educating diverse human resources in Japan, Russia and Belarus”, Kanazawa University Press: ISBN: 978-4-9910364-0-8
- 12) Aida Mammadova and Juan Pastor Ivars (2018) Booklet “Sustainable Development Goals, Learning through traditional culture of Kanazawa City”, Kanazawa University
- 13) Aida Mammadova (2018) Booklet “Mount Hakusan Biosphere Reserve as learning site for Sustainable Development Goals: Educating the youth towards the sustainable future”, Kanazawa University Press: ISBN: 978-4-9910364-1-5
- 14) Aida Mammadova and Juan Pastor Ivars, (2018) “Learning and Experiencing Traditional Culture and Nature of Kanazawa City to achieve Sustainable Development Goals” European Journal of Sustainable Development Vol 7, Issue 4, 233-239
- 15) Mammadova Aida., (2018) “Education for the creative cities: awareness raising on urban challenges and biocultural preservation”, Journal of Education and Learning, Vol. 7, No 2, April Issue, 60-64
- 16) Mammadova Aida., (2017) “Biosphere Reserve as Learning Sites for Biocultural Conservation Education; Case of Mount Hakusan Biosphere Reserve in Japan”, European Journal of Sustainable Development, Vol 6, No.4 pp.487-496
- 17) Mammadova Aida., (2017) “Education towards Urban Sustainability: Lessons Learned from the Welfare Business Models of Kanazawa City, Japan”, Journal of Teacher Education for Sustainability, Vol. 19, No 2, pp 154-164
- 18) Mammadova Aida., (2017) “Threat of Bio-Cultural diversity loss evaluated by international students; Case of traditional Japanese paper (washi) making in Futamata community of Kanazawa City”, Social Sustainability and Sustainable Living, International Academic Forum Open Access Research Archive, Published in June-02, 2017
- 19) Mammadova, A. (2017). Development of Fieldwork Activities to Educate the Youth for the Biological and Cultural Preservation in Rural Communities of Ishikawa Prefecture, Japan. International Journal of Environmental and Science Education, 12(3), 441-449.
- 20) Mammadova, A. (2017). Sustainability Lessons from Kanazawa City, Japan. European Journal of Sustainable Development, 6(2), 233-239.
- 21) Mammadova A. (2017) “Biocultural Diversity, learning from the rural communities of Ishikawa, Japan: curriculum for academic students”, Kanazawa University, International Student Center, Japan
- 22) Mammadova A. (2016) “Implementing the Sustainable Development Goals into the educational practice; challenges and opportunities learned from Kanazawa City” Research Bulletin, International Student Center Kanazawa University, 20, 59-68
- 23) Mammadova A. (2016) “Sustainable Development Goals, Learning from Kanazawa City”, Kanazawa University, International Student Center, Japan. 50pp
- 24) Mammadova A., & Iida, Y. Development of educational fieldwork activities for the International Students: Case of awareness raising in biocultural diversity of Kanazawa City. Research Bulletin, International Student Center Kanazawa University, 19, 88-106. (2016).
- 25) Evonne Yiu, Bixia Chen, Aida Mammadova, “Satoyama and Satoumi of Ishikawa” Booklet, United Nations University Institute of Advance Studies press, 2013
- 26) Mammadova A. Fujiwara K. Saccadic shortening and cerebral hemodynamics during neck flexion and vibration stimulation on neck extensor muscles. Health and behavior science, 2013, 11(2) 73-80
- 27) Fujiwara K, Yaguchi C, Kunita K, Mammadova A. Effects of neck flexion on discriminative and cognitive processing in anticipatory postural control during bilateral arm movement. Neuroscience Letters, 2012, Jun 19, 518 (2):144-8.

- 28) Fujiwara K, Kunita K, Kiyota N, Mammadova A, Irei M. The effects of neck flexion on cerebral potentials evoked by visual, auditory and somatosensory stimuli and focal brain blood flow in related sensory cortices. *Journal of Physiological Anthropology* , 2012, Dec 3, 31:31
- 29) Fujiwara K, Maeda K, Irei M, Mammadova A, Kiyota N. Changes in event-related potentials associated with postural adaptation during floor oscillation. *Neuroscience*, 2012, 213: 122- 132
- 30) Fujiwara K, Kiyota T, Mammadova A, Yaguchi C. Age-related changes and sex differences in postural control adaptability in children during periodic floor oscillation with eyes closed. *Journal of physiological anthropology*, 2011, 30 (5):187-94.
- 31) Fujiwara K, Yaguchi C, Shen X, Maeda K, Mammadova A. Activation timing of postural muscles during bilateral arm flexion in self-timing, oddball and simple-reaction tasks. *Journal of electromyography and kinesiology*, 2011, 21(4):595-601.
- 32) Fujiwara K, Asai H, Kiyota N, Mammadova A. Relationship between quiet standing position and perceptibility of standing position in the anteroposterior direction. *Journal of physiological anthropology*, 2010, 29 (6):197-203.
- 33) Mammadova A, Kuliyevev A, Aliyeva S, Aliyev R. Antibody-based tumor-therapy. *Azerbaijan national Academy of science, biological science series*. 2005, 3 (5):28-33.

Conference Presentation and Invited Speaker

- 1) Aida Mammadova, “Integrating local communities and government into ESD activities: Lessons from Japanese UNESCO Biosphere Reserves and Geoparks” Putting ESD into action A (Part II), World Conference on Education for Sustainable Development, May 17-19, Berlin, Germany, VIRTUAL, Invited Speaker
- 2) Aida Mammadova, “Challenges to conduct Cross-Cultural education programs during the pandemic COVID-19”, 16th Education and Development Conference [EDC2021], Education in the age of disruption, March 5th - 7th, 2021 VIRTUAL, Invited Speaker
- 3) Aida Mammadova “Education inside Japanese Geoparks, to raise awareness in youth towards the regional sustainability: Case of Mt.Hakusan Tedoru-river Geopark”, International Geographical Union, India International Conference (Virtual), 2020, DEPARTMENT OF GEOGRAPHY, UCSSH MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR, INDIA on Global to Local Sustainability & Future Earth, December 18-20, 2020
- 4) Aleksandr Redkin, Aida Mammadova “Altai Geopark and Bioreservices of the Russian Altai: prospects for cooperation” Conference “Altai’s Open World”, December 11th
- 5) Aida Mammadova, Tsuyoshi Hibino, Aleksandr Redkin, Conference “Altai’s Open World”, December 11th, “Japanese System of Geoparks and Biosphere Reserves Management”, Gorno-Altaysk, Russia, Online
- 6) Aida Mammadova “Global ecosystem and environmental changes in the Arctic”, Title: “Youth environmental education inside Japanese and Russian biosphere reserves” December 11th, Moscow State University, Russia, Online
- 7) Aida Mammadova. “Youth education inside Japanese Mount Hakusan Biosphere Reserves, during COVID - 19 Pandemic” SeaBR November 26th, 2020, Indonesia, Jakarta Online
- 8) Aida Mammadova. IV Congress of the Association of Asian Universities / International Educational Forum “Altai-Asia”, “Partnerships between Japanese and Russian academia, business and local authorities”, September 25, 2020
- 9) Aida Mammadova, International Symposium, “UNESCO Biosphere Reserves, Geoparks and World Heritage Sites, as platforms to conduct the regional education towards SDGs”, “Education towards the Sustainable Societies inside Biosphere Reserves, Geoparks and World Heritage sites” Kanazawa University, Japan, September 29, 2020
- 10) A.Redkin, A.Mammadova, P.Borodavko, International Symposium, “UNESCO Biosphere Reserves, Geoparks and World Heritage Sites, as platforms to conduct the regional education towards SDGs”, “Altai Geopark and bioreserves of the Russian Altai: prospects for cooperation”, Kanazawa University, Japan, September 29, 2020
- 11) Aida Mammadova, Northern Sustainable Development Forum 2020, Cold Land Seminar “Japanese-Russian collaboration in the North” , The role of Biosphere Reserves in the education towards the regional sustainable development. September 30, 2020 Online
- 12) Aida Mammadova. 15th Annual Education and Development Conference [EDC 2020]: “Education inside the Rural areas of Biosphere Reserves: new curriculum for generating the international partnership for the rural community development”. 13th – 15th of March 2020 in Bali, Indonesia
- 13) Aida Mammadova, Speaker at the Symposium to Commemorate the Establishment of Consortium for Academic Exchange between Russia and Ishikawa, “Japan-Russia University cooperation to achieve SDGs” July 16 2019, Hoenji, Kanazawa, Ishikawa, Japan
- 14) Aida Mammadova, Invited Speaker, “Gardens which connect Nature and Humans”, The United Nations University Institute for the Advanced Study of Sustainability, Operating Unit Ishikawa Kanazawa, July 06, 2019 Kanazawa, Japan
- 15) Aida Mammadova, “The role of communities in sustainable ecosystem management inside Japanese

Biosphere Reserves”, Edition of International conference on Environmental Science & Technology” during June 24-25, 2019 Moscow, Russia.

- 16) Aida Mammadova, “Education in Biosphere Reserves to enhance intercultural competence between Japanese and Russian youth”, 7th International Conference on Sustainable Development Rome, 4-5 September 2019, Rome, Italy.
- 17) Aida Mammadova and Iida Yoshihiko, “Strengthening Networks for Sustainable Management of Biosphere Reserve”, The 12th Southeast Asian Biosphere Reserves Network (SeaBRnet) Meeting, 26-28 March 2019, Legazpi City, Albay, Philippines
- 18) Aida Mammadova, Invited Speaker, “University Course for Biosphere Reserve experts in Japan”, International Forum on SDG 15, in celebration of the designation of Suncheon Biosphere Reserve, 2018, November 15-17, Suncheon, Korea
- 19) Aida Mammadova (invited speaker) “Academic Education for Sustainable Community Development in BR -A case of Mount Hakusan Biosphere Reserve”, 15th Meeting of the East Asian Biosphere Reserves Network, Providing Models of Sustainable Development, 2018 Kazakhstan, 28 May-2 June
- 20) Aida Mammadova and Juan Pastor Ivars, (2018) “Learning and Experiencing Traditional Culture and Nature of Kanazawa City to achieve Sustainable Development Goals”. 6th International Conference on Sustainable Development Rome, 2018 Italy, 12-13 September
- 21) Aida Mammadova, SDGs Education for International Students, 「SDGs Social Dialogue in Ishikawa」Kick-off Meeting, 2018.06.04, Kanazawa, Japan
- 22) Aida Mammadova, Case study of Mount Hakusan Biosphere Reserve, 15th Meeting of the East Asian Biosphere Reserve Network, 2018, 5.28-6.2, Almaty, Kazakhstan
- 23) Aida Mammadova and Takashi Yamaguchi, Mount Hakusan Todorigawa Geopark, as learning sited for educating the youth towards the sustainable regional development, 第8回日本ジオパーク全国大会, Akita, Japan, 2017.10.25-27
- 24) Aida Mammadova, 2017 UNESCO MAB Youth Forum, Po Delta Biosphere Reserve, “Sustainable Development Goals, learning from Mount Hakusan Biosphere Reserve” Italy, 18-23 September 2017
- 25) Aida Mammadova, Biosphere Reserve as learning sites for biocultural conservation education; case of Mount Hakusan Biosphere Reserve in Japan. 5th International Conference on Sustainable Development Rome, 2017 Italy, 6-8 September
- 26) Aida Mammadova, International Symposium “Opportunities for regional revitalization: lessons learned through the care for persons with disabilities”, International Symposium “Nature and Cultural Landscape”. August.25-27, 2017. Kanazawa, Japan
- 27) Aida Mammadova ,Threat of Bio-Cultural diversity loss evaluated by international students; Case of traditional Japanese paper (washi) making in Futamata community of Kanazawa City, The Asian Conference on Sustainability, Energy & the Environment. June 8-11, 2017. Kobe, Japan
- 28) Aida Mammadova ,Webinar on “Satoyama in the 21st Century” University of the Philippines Open University, Invited Presenter February 16, 2017
- 29) Mammadova, A., & Iida, Y. (2016). Development of the Integrated Education Fieldworks for the Biocultural Diversity: Learning from the Rural Areas of Ishikawa Prefecture. 1st Asian Conference on Biocultural Diversity, October 27-29, 2016 Ishikawa, Japan
- 30) Mammadova A. (2016). Sustainability Lessons from Kanazawa City, Japan. 4th International Conference on Sustainable Development Rome, Italy, 16-17 September 2016
- 31) Mammadova A., & Iida, Y. (2016). Education for the Creative Cities: Raising Awareness on Urban Challenges through Fieldwork Activities for International Students. Scientific conference and 10th annual meeting of the UNESCO Creative Cities Network (UCCN), Valuing and Evaluating Creativity for Sustainable Regional Development, Ostersund, Sweden, September 11-14, 2016
- 32) Japan Society of Physiological Anthropology 5th Meeting, Changes in the physical strengths in the adults, during the preparation for the underwater movements, Toyama K, Fujiwara K, Asai J, Chin S, Irai M, Kiyoda N, Maekawa H, Mammadova A., Kaida C, Naka M, Saito S, September 2012, (Kanazawa) Japan
- 33) International Society of Electrophysiology and Kinesiology, Change in event-related potential associate with finger reaction to auditory signal just before postural disturbance with backward floor translation, Naoe K, Chie Y, Mammadova A., July 2012, (Brisbane) Australia
- 34) Human Ergology Society, Attentional measurements by event-related potentials during movements, Fujiwara K, Maeda K, Irei M, Mammadova A., Kiyota N (in Japanese). June 2012, (Tokorozawa) Japan
- 35) Society for Neuroscience 41th Annual Meeting (Washington DC), Changes in event-related potentials associated with postural adaptation during floor oscillation、Fujiwara K, Maeda K, Irei M, Mammadova A., November 2011, (Washington DC) USA
- 36) Japan Society of Health and Behavior 10th Meeting, Effect of the supporting socks to the lower muscles of the leg and body, during trade-mile walking (in Japanese). Fujiwara K, Irei M, Kaida C, Toyama K, Asai J, Mammadova A., October 2011, (Kanagawa) Japan
- 37) Japan Society of Physiological Anthropology 4th Study Meeting, Changes in evoked potential in frontal lobe during the floor oscillation (in Japanese), Fujiwara K, Maeda K, Irei M, Mammadova A., July 2011, (Sapporo) Japan

- 38) Japan Society of Health and Behavior 9th Meeting, Effects to the saccadic reaction time during the vertical gaze placement (in Japanese), Aida Mammadova, Katsuo Fujiwar, October 2010, (Kanazawa) Japan
- 39) Japanese Neuroscience 32nd Meeting, Altered synaptic plasticity in the nucleus accumbens of cocaine-withdrawn rats, Toda S, Shen H, Kosugi S, Moussawi K, Bouknight A, Mammadova A, Zahm D, Kalivas P, September 2009 (Nagoya) Japan

Created International Educational Training Projects, Workshops and Conferences on SDGs

- Online Training course between four Japanese Biosphere Reserves and four Russian Biosphere Reserves: “Learning Biological and Cultural Diversity from UNESCO Biosphere Reserves”, 38 Russian and 45 Japanese students completed the course. 2021.07.12-16
- Intensive Online Training course with Kazakhstan UNESCO MAB National Committee and Japan: “Japan and Kazakhstan Training Course toward SDGs, Youth engagement inside Biosphere Reserves to achieve UNs SDGs”. 26 people completed the course (16 Japanese and 10 Kazakhstan). 2021.02.02-12.
- Online Training course between Russia and Japan on “UNESCO Biosphere Reserves, Geoparks and World Heritage Sites, as platforms to conduct the education towards SDGs”, One-week training course. 48 Russian and 50 Japanese students. 2020.07.27-8.3.
- Training Course on "Preservation of natural and cultural diversity in big cities, for the sustainable urban development", 3 weeks cultural training course for 50 Japanese students in Moscow, St.Petersburg and Kazan, August – September, 2019, Russia
- Training Course for “Creating” international eco-entrepreneurship possibilities for youth in micro financed transition areas of Russian and Japanese BRs” for 16 Russian Students, 3 weeks of training course in July, Mt. Hakusan Biosphere Reserve, Ishikawa Prefecture, Japan
- Cross-Cultural homestay and challenges to accept foreign settlements in Rural Areas of Japanese Biosphere Reserves; Case of Shiramine village in Mount Hakusan Biosphere Reserve, 2018-2019 Summer and Winter Homestay for 12 Foreign Students, 2 weeks, August-September, Mt. Hakusan Biosphere Reserve, Ishikawa Prefecture, Japan
- Training Course on “Cross-Cultural youth dialog to Achieve Sustainable Development Goals, learning from Russian and Japanese Biosphere Reserves”, Training Course for 50 Japanese and 14 Russian Students inside Russian and Japan’s UNESCO Biosphere Reserve, Russia and Japan
- International Forum “University Education with Various Stakeholders at UNESCO Biosphere Reserves to Achieve Eurasian Sustainable Development Goals”-cases of Japan, Russia and Belarus, July 17th, 2018, Kanazawa University, Ishikawa Prefecture, Japan
- Workshop on Understanding of the UN's “Sustainable Development Goals” through SDGs Card Game and 2030 SDGs Experience, 14 Nov, 2017, Kanazawa, Ishikawa Prefecture, Japan
- Workshop on Thinking Through the Traditional Japanese Garden the United Nations Sustainable Development Goals, July, 2017, Kanazawa, Ishikawa Prefecture, Japan
- Workshop for “Developing Community Learning Programs for International Students” July 22, 2016, Kanazawa City, Ishikawa Prefecture, Japan
- Workshop on “Youth Capacity Building towards UN’s Sustainable Development Goals” July 15, 2016, Kanazawa City, Ishikawa Prefecture, Japan
- Training Course for the student of United Nations University, Institute for the Advanced Studies of Sustainability “Sustainable Development Goals; Learning from Kanazawa City” July 11-16, 2016, Kanazawa City, Ishikawa Prefecture, Japan
- Program on “Biocultural Diversity and International Initiatives, learning from Ishikawa Prefecture”, April-July, 2016, Kanazawa City, Ishikawa Prefecture, Japan

Awards

- 2019 UNESCO-MAB Young Scientist Awards
- 2019–2020 Grant-in-Aid for Scientific Research for Young Researchers
- 2018 Japanese governmental subsidy to develop and disseminate UNESCO activities that contribute to the achievement of Sustainable Development Goals
- 2017 Hazami Female Researcher Award
- 2017 “The universe foundation”
- 2017 Community-Oriented Education and Research Fund
- 2016 Community-Oriented Education and Research Fund

Language Skills

Azerbaijan	Native Level
Russian	Native Level
English	Fluent Level
Japanese	Fluent Level
Spanish	Conversational level
Turkish	Conversational level
Chinese	Basic Level
Arabic	Basic Level