



GİRNE ÜNİVERSİTESİ

UNIVERSITY OF KYRENIA



CURRICULUM VITAE

- Name Surname** : MEHMET FATİH HÜSEYİNOĞLU
- Date of Birth** : 13/09/1970
- Title** : ASSOC. PROF. DR.
- Education** : DOCTORATE

| Degree | Field | University | Year |
|---------------|-------------------------------------|----------------------|------|
| Bachelor | Faculty of Arts and Sciences | Bogazici University, | 1995 |
| Master | Institute of Environmental Sciences | Bogazici University, | 1999 |
| Doctorate | Institute of Environmental Sciences | Bogazici University, | 2010 |
| Post Graduate | | | |

5. Academic Titles

6. Graduate Theses Supervised

| Title | Department | University | Year/Period |
|---------------------|------------|------------|-------------|
| Assistant Professor | | | 02/10/2015 |
| Associate Professor | | | 04/09/2017 |
| Professor | | | |

UNIVERSITY OF KYRENIA



6.1 Master Theses

- Institute of Science and Technology, University of Kyrenia, Kyrenia, North Cyprus (K.K.T.C)
“The Impact of Invasive Alien Species on Cyprus Marine Ecosystem” G. Tari, 2019
- Institute of Science and Technology, University of Kyrenia, Kyrenia, North Cyprus (K.K.T.C)
“Bilge Systems And Applications In Cyprus Boats” E. Arslan, 2019
- Institute of Science and Technology, University of Kyrenia, Kyrenia, North Cyprus (K.K.T.C)
“Environmental aspects of Marine Pollution in Nigeria” O. E. Clarke, 2019

6.2 Doctorate Theses

7. Publications

7.1. Articles published in peer reviewed international journals

(SCI, SSCI Arts and Humanities)

- C. Jiménez, B. A. Çiçek, J. U. Jiménez, L. Hadjioannou, M. F. Huseyinoglu “What is the roar about? Lionfish targeted removals in Costa Rica (Central America) and Cyprus (Mediterranean Sea)” in “Lionfish Invasion and its Management in the Mediterranean Sea”, M. F. Huseyinoglu and B. Ozturk (eds), TMSF Press, 48, 2018.
- N. Stern, C. Jimenez, M. F. Huseyinoglu, V. Andreou, L. Hadjioannou, A. Petrou, B. Oztürk, D. Golani, S. B. S. Rothman, “Constructing the genetic population demography of the invasive lionfish *Pterois miles* in the Levant Basin, Eastern Mediterranean, Mitochondrial DNA Part A, DOI: 10.1080/24701394.2018.1482284.
- M. F. Huseyinoglu, “Using scanning backscatter lidar to determine planetary boundary layer height”, Lasers in Engineering, 39 (2018) Issue 3-6, p153-161. 9p.



GİRNE ÜNİVERSİTESİ

UNIVERSITY OF KYRENIA



- S. Zahner, L. Kador, K. R. Allakhverdiev, E. Yu. Salaev, M. F. Huseyinoglu, "Fluorescence lifetime imaging microscopy and polar-plot analysis of gallium selenide crystals", Journal of Applied Physics, 115 (2014), 043504.
- M. F. Huseyinoglu, S. R. Allakhverdiev, Z. Salaeva, A. Secgin, K. R. Allakhverdiev, "The possibility of using remote sensing technology of lidars for monitoring ecosystem health by detecting habitat condition", Proceedings of SPIE Vol. 8677 (2013) doi: 10.1117/12.2014217.
- M. F. Huseyinoglu, Z. Salaeva, A. Secgin, K. R. Allakhverdiev, "Preliminary Results from the New Multiwavelength Aerosol Lidar Scanning System", Proceedings of SPIE Vol. 8677 (2013) doi: 10.1117/12.2014958.
- Veselovskii, O. Dubovik, A. Kalgotin, M. Korenskiy, D. N. Whiteman, K. R. Allakhverdiev, M. F. Huseyinoglu, "Linear estimation of particle bulk parameters from multi-wavelength lidar measurements", Atmospheric Measurement Techniques, 5 (2012), 1135-1145.
- Papayannis, R. E. Mamouri, P. Kokkalis, V. Amiridis, N. I. Kristiansen, A. Stohl, D. Balis, E. Giannakaki, D. Nicolae, G. Tsaknakis, L. Belegante, A. Nemuc, I. Veselovskii, M. Korenskiy, K. R. Allakhverdiev, M. F. Huseyinoglu, T. Baykara, "Optical properties and vertical extension of aged ash layers over the Eastern Mediterranean as observed by Raman lidars during the Eyjafjallajökull eruption in May 2010", Atmospheric Environment, 48 (2012), 56-65.

UNIVERSITY OF KYRENIA



- K. R. Allakhverdiev, T. K. Baykara, M. Bekbolet, M. F. Huseyinoglu, S. Ozbek, Z. Salaeva, A. Secgin, S. Vartapetov, I. Veselovskii, M. Korenskiy, "Preliminary Results from the New Multiwavelength Aerosol LIDAR in Turkey", *Fizika*, 16 (2009), 22-25.
- K. R. Allakhverdiev, T. K. Baykara, A. Secgin, S. Ozbek, A. M. Ulubey, Z. Salaeva, M. F. Huseyinoglu, S. L. Druzhinin, K. A. Konovalov, V. Y. Shchagin, O.N. Smirnov, S. Yu. Strakhov, E. V. Perkina, "Compact Raman Spectrometer (CLS) for Active Test of Liquids and Solid Samples", *Fizika*, 16 (2009), 46-50.

7.2. Articles published in other peer reviewed international journals

7.3. Papers delivered in international conferences and printed as proceedings

- M. F. Huseyinoglu, V. Demir, Y. Arda, M. Draman, M. B. Yokes, "Spatio-temporal distribution of lionfish, *Pterois miles* in Kas-Kekova Marine Protected Area", Proceedings of Sixth International Conference on Remote Sensing and Geoinformation of Environment, Paphos, Cyprus, 26-29 March 2019.
- C. Jimenez, L. Hadjioannou, D. Haye, M. F. Huseyinoglu, V. Andreou, P. Patsalou, A. Petrou, "Where have all lionfish gone? Seasonal abundance of *Pterois miles* in Cyprus", Proceedings of Mediterranean Symposia on Marine Key Habitats and Non-Indigenous Species, Antalya, Turkey, January 14-18, 2019.
- S. Giakoumi, Y. Arda, A. Pey, M. F. Huseyinoglu, "Assessing the state of invasive fishes in two Mediterranean Marine Protected Areas", Proceedings of Mediterranean Symposia on Marine Key Habitats and Non-Indigenous Species, Antalya, Turkey, January 14-18, 2019.



GİRNE ÜNİVERSİTESİ UNIVERSITY OF KYRENIA



- C. Jimenez, V. Andreou, M. F. Huseyinoglu, L. Hadjioannou, P. Patsalou, A. Petrou, “Of natural predation and gastronomy: Who’s eating the invasive lionfish (*Pterois miles*) in Cyprus (Levantine Sea)”, Proceedings of the 53rd European Marine Biology Symposium, Ostend, Belgium, September 17-21, 2018.
- M. F. Huseyinoglu, “The situation of invasive species in Turkish MPA’s”, Workshop on Mediterranean Invasive Species in MPA’s”, Ayia Napa, Cyprus, April 23-27, 2018.
- M. Pashayev, E. Yu. Salayev, M. F. Huseyinoglu, K. R. Allakhverdiev “Growth and Properties of Gallium Selenide Nanoparticles”, Proceedings of the International Conference on Advanced Laser Technologies, Busan, South Korea, September 10-15, 2017.
- K. R. Allakhverdiev, M. F. Huseyinoglu, Z. Yu. Salaeva, “NLO spectroscopy of GaSe, GaS and InSe nanoparticles formed via laser ablation”, Proceedings of the International Conference on Advanced Laser Technologies, Galway, Ireland, 12-16 September 2016.
- M. F. Huseyinoglu and K. R. Allakhverdiev, “Determination of the planetary boundary layer height by a scanning lidar”, Proceedings of the International Conference on Advanced Laser Technologies, Faro, Portugal, September 7-11, 2015.
- Y. Arda and M. F. Huseyinoglu, “Developing sustainable tourism in Kas-Kekova specially protected area”, Proceedings of the Annual Conference of International Sustainable Development Research Society, Geelong, Australia, 10-12 July 2015.

UNIVERSITY OF KYRENIA



GİRNE ÜNİVERSİTESİ

UNIVERSITY OF KYRENIA



- M. F. Huseyinoglu and Y. Arda, "Review of Seafloor Habitat Mapping Technologies for Biodiversity Assessment", Proceedings of the Annual Conference of International Sustainable Development Research Society, Geelong, Australia, 10-12 July 2015.
- K. R. Allakhverdiev, S. Zahner, L. Kador, E. Salaev, M. F. Huseyinoglu, "Confocal Raman, PL and Fluorescence Lifetime Imaging Microscopy of Gallium Selenide Crystals – an Outstanding NLO Material", Proceedings of the International Conference on Advanced Laser Technologies, Cassis, France, October 6-10, 2014.
- M. F. Huseyinoglu, S. R. Allakhverdiev, K. R. Allakhverdiev, "A brief review on the potential of improving crop health using lidar technology", Proceedings of the International Conference on "Ways of Development of the Biotechnology in Turkmenistan", Ashgabat, Turkmenistan, November 20-21, 2013.
- K. R. Allakhverdiev, M. F. Huseyinoglu, A. Secgin, U. Cotuk, "Remote measurements of tropospheric aerosol distribution by a portable backscatter lidar", Proceedings of the International Conference on Advanced Laser Technologies, Budva, Montenegro, September 15-20, 2013.
- K. R. Allakhverdiev, S. Zahner, L. Kador, E. Yu. Salaev, M. F. Huseyinoglu, "Frequency-domain fluorescence lifetime microscopy (flim) and polar-plot analysis of gallium selenide", Proceedings of the International Conference on Advanced Laser Technologies, Budva, Montenegro, September 15-20, 2013.

UNIVERSITY OF KYRENIA



GİRNE ÜNİVERSİTESİ

UNIVERSITY OF KYRENIA



- M. F. Huseyinoglu, "Materials in Unmanned Systems", Proceedings of the Unmanned Systems Conference, INSIS 2013, İstanbul, Turkey, June 1, 2013.
- K. Allahverdi, A. Secgin, M. F. Huseyinoglu, "Determination of Raman spectra of various food samples using a Portable Raman Spectrometer ", Proceedings of the 4th International Congress on Food Safety, Istanbul, Turkey, May 14, 2013.
- M. F. Huseyinoglu, S. R. Allakhverdiev, Z. Salaeva, A. Secgin, K. R. Allakhverdiev, "The possibility of using remote sensing technology of lidars for monitoring ecosystem health by detecting habitat condition", Proceedings of the 19th International Symposium on High Power Laser Systems and Applications, Istanbul, Turkey, 10-14 September, 2012.
- M. F. Huseyinoglu, Z. Salaeva, A. Secgin, K. R. Allakhverdiev, "Preliminary Results from the New Multiwavelength Aerosol Lidar Scanning System", Proceedings of the 19th International Symposium on High Power Laser Systems and Applications, Istanbul, Turkey, 10-14 September, 2012.
- Veselovskii, D. N. Whiteman, A. M. Pashaev, K. R. Allakhverdiev, M. F. Huseyinoglu, "Potential of multiwavelength lidars for remote characterization of particle physical properties", Proceedings of the 19th International Symposium on High Power Laser Systems and Applications, ISHPLS&A 2012, Istanbul, Turkey, September 10-14, 2012.

UNIVERSITY OF KYRENIA



GİRNE ÜNİVERSİTESİ

UNIVERSITY OF KYRENIA



- K. R. Allakhverdiev, M. F. Huseyinoglu, Z. Salaeva, A. Secgin, I. Veselovskii, M. Korenskiy, N. Volkov, "Two years operation of multiwavelength aerosol lidar in Turkey", Proceedings of the 26th International Laser Radar Conference, ILRC 2012, Port Heli, Greece, June 15-19, 2012.
- V. Amiridis, E. Marinou, S. Kazadzis, E. Gerasopoulos, R. E. Mamouri, P. Kokkalis, A. Papayannis, N. Kouremeti, E. Giannakaki, E. Liakakou, D. Paraskevopoulou, M. Gratsea, G. Kouvarakis, K. Allakhverdiev, M. F. Huseyinoglu, A. Secgin, D. Balis, A. F. Bais, N. Mihalopoulos, "Evaluation of CALIPSO's Aerosol Classification Scheme During the ACEMED Experimental Campaign Over Greece: The Case Study of 9th of September 2011", 11th International Conference on Meteorology, Climatology and Atmospheric Physics, Athens, 29 May – 1 June 2012.
- K. R. Allakhverdiev, M. F. Huseyinoglu, Z. Salaeva, A. Secgin, "Spatio-temporal distribution of tropospheric aerosols over Southeastern tip of Istanbul measured by Mie-Raman lidar", Proceedings of the 5th Workshop on Optoelectronic Techniques for Environmental Monitoring, OTEM 2011, Romania, Bucharest, September 28-30, 2011.
- K. R. Allakhverdiev, M. F. Huseyinoglu, Z. Salaeva, A. Secgin, "The application of Nd:YAG laser and its second and third harmonics for the study of tropospheric particles", Proceedings of Advances in Applied Physics and Material Science Congress, APMAS'11, Antalya, Turkey, May 12-15, 2011.

UNIVERSITY OF KYRENIA



GİRNE ÜNİVERSİTESİ
UNIVERSITY OF KYRENIA



- Veselovskii, A. Kolgotin, M. Korenskiy, V. Gryaznov, D. N. Whiteman, K. R. Allakhverdiev, M. F. Huseyinoglu, N. Volkov, "Retrieval of time-sequences of particle parameters from multiwavelength lidar measurements using principle component analysis", Proceedings of the International Laser Radar Conference, ILRC'25, Sainkt Petersburg, Russia, July 5-9, 2010.
- K. R. Allakhverdiev, T. K. Baykara, M. Bekbolet, M. F. Huseyinoglu, S. Ozbek, Z. Salaeva, S. Vartapedov, I. Veselovskii, "New multiwavelength Mie-Raman lidar in Turkey for aerosol studies", Proceedings of the International Conference on Advanced Laser Technologies, ALT'09, Antalya, Turkey, September 26-October 1, 2009.
- K. R. Allakhverdiev, T. K. Baykara, A. Secgin, S. Ozbek, A. M. Ulubey, Z. Salaeva, M. F. Huseyinoglu, S. L. Druzhinin, K. A. Konovalov, V. Y. Shchagin, O.N. Smirnov, S. Yu. Strakhov, E. V. Perkina, "Compact Raman Spectrometer (CLS) for Active Test of Liquids and Solid Samples", Proceedings of the International Conference on Advanced Laser Technologies, ALT'09, Antalya, Turkey, September 26-October 1, 2009.

7.4. Books and sections in books published internationally

- M. F. Huseyinoglu and B. Ozturk (eds), "Lionfish Invasion and its Management in the Mediterranean Sea", TMSF Press, 48, December 2018.

UNIVERSITY OF KYRENIA



- V. Amiridis, E. Marinou, S. Kazadzis, E. Gerasopoulos, R. E. Mamouri, P. Kokkalis, A. Papayannis, N. Kouremeti, E. Giannakaki, E. Liakakou, D. Paraskevopoulou, M. Gratsea, G. Kouvarakis, K. Allakhverdiev, M. F. Huseyinoglu, A. Secgin, D. Balis, A. F. Bais, N. Mihalopoulos, "Evaluation of CALIPSO's Aerosol Classification Scheme During the ACEMED Experimental Campaign Over Greece: The Case Study of 9th of September 2011" in "Advances in Meteorology, Climatology and Atmospheric Physics", C G. Helmis and P. T. Nastos (eds.), Springer (2012) doi: 10.1007/978-3-642-29172-2_121.

7.5. Articles published in peer reviewed national journals

7.6 Papers delivered at national conferences and printed as proceedings

7.7 Other publications Patents

- K. R. Allakhverdiev, T. Baykara, S. Ozbek, V. Gunay, A. Demirural, E. Gunay, Z. Allahverdi, M. F. Huseyinoglu, "Investigation of the structural and optical properties of new composite materials containing carbon nanotubes or semiconductor nanoparticles", Project Report, The Scientific and Technological Research Council of Turkey, Marmara Research Center, Materials Institute, September 2011.
- K. Allahverdi, T. Baykara, M. F. Huseyinoglu, A. Secgin, "Lidar", Turkish Journal of Science and Technology (Bilim ve Teknik Dergisi), 6 (2009), 72-75.



GİRNE ÜNİVERSİTESİ
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8. Projects directed and participated

- 2017 - Mapping Vermetid Reefs of Coastal Cyprus
- 2016 - Study of the Lionfish in the Levantine Sea: Dispersal, Recruitment and Establishment
- 2014 – 2018 Kas-Kekova Marine Protected Area Epinephelus, Dentex, Pagrus P.M.
- 2014 - 2017 Vertical and Horizontal Distribution of Mineral Dust in the Atmospheric C.E.M.
- 2012 - 2015 (Principal Investigator) FP7: Promoting and Improving Azerbaijan R.C.E.R.A
- 2011 - 2013 Lasers and Laser Technologies
- 2009 - 2012 Structural and Optical Properties of Carbon Nanotubes and Materials I.S.C.N.
- 2008 - 2012 Development of Lidar for Advanced Technology Applications
- 2007 - 2008 Restoration and Preservation Technology for Cultural Heritage
- 2006 - 2007 Developing Efficient Memory Techniques Training
- 2000 - 2002 Developing Efficient Speed Reading Training
- 1997 - 1999 Biodiversity Analysis of the Prince's Islands Region, Istanbul
- 1996 - 1998 Investigation of the Molluscan Fauna of Bozcaada Island, Mediterranean
- 1995 - 1999 the Effects of High Altitude Scuba Diving on Human Health

UNIVERSITY OF KYRENIA



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9. Administrative designations

| | |
|---------------------|---|
| 2018, 09 - | Dean of Faculty of Maritime Studies, University of Kyrenia |
| 2017, 09 - 2018, 09 | Associate Professor of Environmental Science and Engineering, GAÜ |
| 2015, 12 - 2018, 09 | Research Coordinator, Girne American University |
| 2015, 09 - 2017, 09 | Assistant Professor of Environmental Science, Girne American University |
| 2014, 10 - 2015, 09 | Director of Trainings, TUBITAK MRC MI |
| 2013, 10 - 2015, 09 | Director of Business Development and Commercialization, TUBITAK MRC MI |
| 2013, 06 - 2015, 09 | Senior Research Scientist, TUBITAK MRC |
| 2007, 09 - 2013, 06 | Research Scientist, TUBITAK MRC |
| 2000, 08 - 2007, 09 | Researcher / Instructor, ALGE R&D Consulting |
| 1995, 05 - 2000, 08 | Director of International Affairs, FilmPOP Film Distribution Company |

10. Membership in scholarly institutions

| | |
|-------------|---|
| 2015 - | Green Member, International Sustainable Development Research Society |
| 2013 - | International Programming Committee, International Conference on Advanced L.T. |
| 2012 - | Local Organizing Committee, International Symposium on High Power Laser Systems A. |
| 2011 – 2015 | Principal Investigator, Representative of Turkey, European Aerosol Research L.N. |
| 2009 - | Local Organizing Committee, International Conference on Advanced Laser Technologies |

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11. Awards and grants

12. Courses taught over the last two academic years

| Akademic Year | Term | Course Name | Hours / Week | |
|---------------|--------|---|--------------|---------|
| | | | Theoretical | Applied |
| 2018 / 2019 | FALL | MET 101 / MARINE METEROLOGY | 2 | 1 |
| | | FGP 499 / GRADUATION PROJECT | 0 | 6 |
| | MASTER | MDENV511 / Environmental Transportation | 3 | 0 |
| | | MDENV 512 / Environmental Impacts of Transportation | 3 | 0 |
| | SPRING | BDN 102 / PHYSICAL EDUCATION | 0 | 2 |
| | | YÜZ 201 / SWIMMING | 0 | 2 |
| | MASTER | SCD 302 / SCUBA DIVING | 1 | 3 |
| | | DUM 499 / GRADUATION PROJECT | 0 | 6 |
| | | MDENV 511 / Environmental Transportation | 3 | 0 |
| | | MDENV 512 / Environmental Impacts of Transportation | 3 | 0 |
| | | | | |
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GİRNE ÜNİVERSİTESİ

UNIVERSITY OF KYRENIA



| Akademic Year | Term | Course Name | Hours / Week | |
|---------------|--------|--|--------------|---------|
| | | | Theoretical | Applied |
| 2017-2018 | FALL | DPR 301 / MARINE METEROLOGY I | 3 | 1 |
| | | DPR 402 / METEOROLOGY AND OCEANOGRAPHY | 2 | 2 |
| | | DPR 262 / SCUBA DIVING | 3 | 2 |
| | | DPR 133 / PHYSICS I | 3 | 2 |
| | | | | |
| 2017-2018 | SPRING | DPR 134 / PHYSICS II | 3 | 2 |
| | | PE 101 / PHYSICAL EDUCATION | 0 | 3 |
| | | DPR 302 / MARINE METEOROLOGY II | 3 | 1 |
| | | DPR 262 / SCUBA DIVING | 3 | 2 |
| | | | | |

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