

## PERSONAL INFORMATION

<b>Name/Family Name:</b>	Sinem GÜLEN	
<b>Title:</b>	Aquaculture Engineer (MS)	
<b>Department:</b>	Aquaculture	
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<b>Birth Date/Place:</b>	1988 Antakya	

## EDUCATIONAL INFORMATION

### Bachelor's Degree

University	Atatürk University
Academic Unit	Aquaculture Engineering
Graduation Year	2012

### MSc

University	University of Idaho
Academic Unit	College of Natural Resources Department of Fish and Wildlife Sciences
Graduation Year	2019

## FOREIGN LANGUAGE

English	
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## TASKS

Institution	Title	Year
Central Fisheries Research Institute, Trabzon	Engineer	2020 - Pending
Turkish Journal of Fisheries and Aquatic Sciences	Technical Editor	2020 - Pending
Fish Health Lab. Department of Fish and Wildlife Sciences College of Natural Resources University of Idaho, USA.	Researcher	2018 - 2019

## PUBLICATIONS

### International Publications

#### SCI, SCI-expanded, SCI and AHCI Papers:

Arslan, M., Gulen, S., Tacer-Tanas, S., Yanik, T., Gurdal, A., Kocaman, M., Atasever, A., Slukvin, A., Goncharova, R., 2021. Long-term dietary diludine (diethyl 1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate) intake and gamete storage affect  $\alpha$ -tocopherol status and reproductive performance in female rainbow trout, *Oncorhynchus mykiss*. Aquaculture 533: 736172. <https://doi.org/10.1016/j.aquaculture.2020.736172>.

Bruce, T.J., **Gulen, S.**, Oliver, L.P., Ma, J., Kenneth D. Cain, K.D., 2020. Evaluation of commercial and experimental grower diets for use in intensive burbot (*Lota lota maculosa*) culture. Aquaculture 528: 735490. <https://doi.org/10.1016/j.aquaculture.2020.735490>.

Arslan, M., Alaybasi, S., Altun, E., Gulen, S., Sirkecioglu, N., Atasever, A., Haliloglu, H.I., Aras, M., 2016. Changes in Lipids, Fatty Acids, Lipid Peroxidation and Antioxidant Defence System During the Early Development of Wild Brown Trout (*Salmo trutta*). Turkish Journal of Fisheries and Aquatic Sciences 16: 703-714. DOI : 10.4194/1303-2712-v16\_3\_24.

#### International Symposiums, Meetings and Conferences: Oral Presentations:

Oliver, L., **Gulen, S.**, Bruce, T.. Ma, J., and Cain, K. Determination of Optimum Diet for Commercial Culture of Juvenile Burbot *Lota lota*. AQUACULTURE 2020. Honolulu, Hawaii, USA.

Bruce, T.J., **Gulen, S.**, Oliver, L.P., Ma, J., and Cain, K.D. Evaluation of commercial and formulated diets for juvenile and subadult-stage burbot (*Lota lota maculosa*) culture. Idaho Chapter of the American Fisheries Society Meeting 2020. Coeur d'Alene, ID, USA.

Bruce, T. J., Ma, J., Oliver, L.P., **Gulen, S.**, Lafrentz, B.R., and Cain, K.D. Disease diagnostics and evaluation of immunological parameters in cultured burbot (*Lota lota*). 2019. Platform presentation. Aquaculture America 2019. New Orleans, LA, USA.

Matuha, M., Oliver, L., **Gulen, S.**, Evavold, J., M, J., Bruce, T., and Cain, K. Evaluation of early larval weaning of live feed for burbot (*Lota lota*). Poster presentation, ARI Industrial Meeting Affiliates Meeting October 2019. Moscow, Idaho, USA.

Matuha, M., Oliver, L., **Gulen, S.**, Evavold, J., M, J., Bruce, T., and Cain, K. Sensory evaluation and marketability analysis of burbot (*Iota lota*). Poster presentation, ARI Industrial Meeting Affiliates Meeting October 2019, Idaho, USA.

Arslan, M., Kaçar, S., Altun, E., **Gulen, S.**, Sirkecioglu, A.N., Atasever, A., Haliloglu, H.I., Aras, M., 2015. Antioxidant defence in the early life phase of brown trout *Salmo trutta*. Latin American and Caribbean Aquaculture 2015, FENACAM 2015, Fortaleza, Brezilya, 16 - 19 Kasım 2015.

Arslan, M., Atasever, A., **Gulen, S.**, Gurdal, A., Yanik, T., Kocaman, M., Atasever, A., Slukvin, A., Goncharova, R. 2014. Antioxidant enzymes, vitamin e and lipid peroxidation during early development in rainbow trout, *Oncorhynchus mykiss* - effect of maternal dietary diludine. LAQUA2014, November 4-7, 2014, Guadalajara, Mexico (oral presentation)

Arslan, M., Yanık, T., Kocaman, E., **Gulen, S.**, Gürdal, A., Şensurat, T., Atasever, A., Slukvin, R., Goncharova, R., 2013. Some reproductive characteristics of rainbow trout *Oncorhynchus mykiss* fed diet with varying levels of diludine. LAQUA2013, October 8-11, 2013, Villavicencio, Colombia (oral presentation).

Arslan, M., Yník,T., Kocaman, E.M., **Gulen, S.**, Kaçar, S., Gürdal, A.A., Sensurat, Y.D.D.T., Slukvin, A., Goncharova, R., Atasever, A., Hisar.O., 2013. Gökkuşağı Alabalığında Yumurtaların Döllenme Öncesinde Bekletilmesi Ve Üreme Başarısı Diyetsel Diludine Maddesinin Muhtemel Koruyucu Etkisi. Fisheries And Aquatic Sciences – (FABA) Blikçilik Ve Akuatik Bilimler 2013, Erzurum, Türkiye, 30 Mayıs - 01 Haziran 2013, ss.502 (oral presentation).

## PROJECTS

1. Developing “freshwater cod” or Burbot (*Lota lota*) into a viable commercial aquaculture species in the United States (Researcher) (2018 – 2021), WRAC (Western Regional Aquaculture Center, USA)
2. Effects of dietary soy replacement on burbot (freshwater cod) growth and immune function: implications for commercial culture of this new and novel species (Researcher) (2018 -2019), SAA (Soy Aquaculture Alliance, USA)
3. Diyetsel Diludine Maddesinin Gökkuşağı Alabalıklarında (*Oncorhynchus mykiss*) Üremeye Etkisi (Araştırmacı) (2012-2015), TÜBİTAK
4. Çoruh Havzası Alabalıklarında (*Salmo trutta*) Ebeveyn Özelliklerinin Yumurta ve Erken Yavru Dönemindeki Balıkları Nasıl Etkilediğinin Araştırılması (Araştırmacı) (2011-2013), TÜBİTAK
5. Çoruh Havzası Kahverengi Alabalık (*Salmo Trutta* ) Damızlıklarında Sperm Kalitesinin Üreme Başarısına Etkisi (Araştırmacı) (2012-2013), Yükseköğretim Kurumları Destekli Proje

### Certificates:

Certificate of Participation International Conference Aquaculture, March 7 -11, 2019. New Orleans, Louisiana USA.

Certificate of Completion Idaho Coldwater Fish Culture Short Course July 15 – 19, 2019. University of Idaho, Hagerman, ID, USA.

Certificate of Attendance International Symposium on Fisheries And Aquatic Sciences (FABA) September 25 – 27, 2014 Trabzon, Turkey.

Certificate of Participation International Symposium on Fisheries and Aquatic Sciences (FABA) May 30 – 1 June, 2013 Atatürk Üniversitesi, Erzurum, Turkey.