

FACES OF ASHRAE: *Atilla Biyikoglu*

Atilla Biyikoglu, Ph.D., Eng, S-B-A Member ASHRAE, joined ASHRAE in 2013 and has participated on several committees. He is currently an instructor of Mechanical Engineering at Gazi University in Ankara, Turkey.

► **Current Job:**

Instructor in Mechanical Engineering, Department of Engineering Faculty, Gazi University, Ankara, Turkey

► **Education:**

BS, Mech Eng, Gazi University, Ankara/Turkey

MSc, Mech Eng, Middle East Technical University (METU), Ankara/Turkey

PhD, Mech Eng, Gazi University, Ankara/Turkey

► **Years of Industry Experience:**

35 years in University, R&D and Education

► **ASHRAE Chapter:**

Former Member of ASHRAE Turkish Chapter, 2013

► **How long have you been an ASHRAE member?**

Since Feb 1, 2013

► **What technical committees or other parts of ASHRAE are you involved with?**

- T-TAC-TC05.05 Air-to-Air Energy Recovery
- T-TAC-TC07.04 Exergy Analysis for Sustainable Buildings
- Standing Committees:
 - Publications Committee, past member
 - Conferences & Exposition Committee, current member
 - Historical Committee, past member
- ASHRAE RAL Regional Historian

► **What got you into the industry?**

Appointment as an advisor to the Turkish Climatization (HVAC)

Council of Union of Chambers and Commodity Exchanges of Türkiye (TOBB) in 2007 <https://tobb.org.tr/TurkiyeSektorMeclisleri/Sayfalar/SektorMeclisleriListesi.php>

► **What is your favorite part of your job?**

- Freedom to work independently,
- Providing engineering solutions,
- Training engineers who can produce solutions to engineering problems

► **What advice do you have to young people starting out in ASHRAE?**

- Understand the structure and functioning of ASHRAE,
- Learn current developments in science and engineering by following ASHRAE publications regularly,
- Discover the benefits of volunteering,
- Think about the ASHRAE Code of Ethics Commitment and its justifications read at all ASHRAE meetings, and understand the importance of its reflections on daily life.

► **What are your career goals?**

To provide development that will be beneficial to engineering science and humanity

► **What are the biggest challenges you see that the industry is facing?**

The HVAC&R industry faces major challenges including the need to meet stringent energy efficiency and environmental regulations, integrate advanced smart technologies and invest in continuous innovation. Workforce shortages and the



necessity for ongoing training, coupled with supply chain disruptions and material shortages, add to the complexity. Companies must navigate intense market competition and rising customer expectations for customized, efficient solutions, all while managing costs and adapting to the impacts of climate change. Achieving sustainability and minimizing environmental impact are also critical, requiring a strategic balance of innovation, regulatory compliance and proactive planning.

► **What do you enjoy doing when you are away from work?**

When I'm away from work, I enjoy a variety of activities that help me relax and stay engaged. I especially love reading historical and religious books that will help me discover the mysterious life of the past. I'm also a fan of hiking and exploring nature, finding peace and inspiration in the great outdoors. I also like to stay active through prayer (namaz), which help me maintain a balanced and healthy lifestyle. Lastly, I appreciate spending quality time with family and friends, whether it's through game nights, movie marathons or simply enjoying a good conversation. ●