



## TC 2.10 Main Winter 2023 Meeting in Atlanta, GA

Tuesday, Feb 7, 2023, 2pm to 4pm EST  
 Location: Omni CNN Center Atlanta; Room: Cypress (M2-North)  
 Main TC 2023ASHRAE Winter Hybrid WebEx Meeting  
 Meeting Minutes – Draft 6/21/2023  
 Prepared by Ellen Thorp and Anthony York

### Schedule for TC 2.10 Meetings, Winter 2023:

Committee	Date	Start	End	Chair	WebEx Mtg Link
Standards/Research	Jan 19, 2023	2pm	2:30 pm	Steven Emmerich	<a href="https://ashrae.webex.com/ashrae/j.php?MTID=m92017df6a315517a594e87f2ecb50eeb">https://ashrae.webex.com/ashrae/j.php?MTID=m92017df6a315517a594e87f2ecb50eeb</a>
Programs	Jan 19, 2023	2:30 pm	3pm	Jason Degraw	<a href="https://ashrae.webex.com/ashrae/j.php?MTID=m92017df6a315517a594e87f2ecb50eeb">https://ashrae.webex.com/ashrae/j.php?MTID=m92017df6a315517a594e87f2ecb50eeb</a>
Handbook	Jan 19, 2023	3pm	3:30 pm	David Evers	<a href="https://ashrae.webex.com/ashrae/j.php?MTID=m92017df6a315517a594e87f2ecb50eeb">https://ashrae.webex.com/ashrae/j.php?MTID=m92017df6a315517a594e87f2ecb50eeb</a>
MTG.RES	NA	NA	NA	Scott Campbell	None
Honors and Awards	Jan 19, 2023	4pm	4:30 pm	Haven Cassidy	<a href="https://ashrae.webex.com/ashrae/j.php?MTID=m92017df6a315517a594e87f2ecb50eeb">https://ashrae.webex.com/ashrae/j.php?MTID=m92017df6a315517a594e87f2ecb50eeb</a>
Main TC 2.10	Feb 7, 2023	2:00 pm	4:00 pm	Anthony York	<a href="https://ashrae.webex.com/ashrae/j.php?MTID=m34fa6640f0fc5f74fb160823df124dfa">https://ashrae.webex.com/ashrae/j.php?MTID=m34fa6640f0fc5f74fb160823df124dfa</a>

### Attendance Sheet: at the meetings or Google Doc Link [New link will be announced](#)

- Welcome by Anthony York - Chair
- Roll Call of Voting Members and Introductions.
  - Review VMs, CMs, and PCMs – current as of on or after July 1, 2022
  - New voting member list.
  - Determined that there are not sufficient voting members for a quorum, there are only 4 voting members
  - The following four members were nominated as voting members to be effective from 2/15/2023 to 6/30/2023
    - Jason Degraw
    - Matthew Brady
    - James Sweeney
    - Russell Taylor
  - Jared Langevin will be rolled off after Tampa Conference and will be corresponding member.
  - The following is a current list of voting members and officers per ASHRAE roster:



Name	Voting Status	Term	Committee Position
Anthony York	VM	7/1/22 - 6/30/24	Chair
Steven Sill	NV		Vice Chair
David Evers	VM	7/1/22 - 6/30/26	Handbook Chair
Haven Cassidy	VM	7/1/22 - 6/30/26	Honors & Awards Chair
Jared Langevin	VM	7/1/19 - 6/30/23	
Jason DeGraw	VM	2/15/23 - 6/30/27	Program Chair
Ellen Thorp	NV		Secretary
Howard Mckew	NV		Handbook
Carol Lomonaco	NV		Webmaster
Matthew Brady	VM	2/15/23 - 6/30/27	
James Sweeney	VM	2/15/23 - 6/30/27	
Russell Taylor	VM	2/15/23 - 6/30/27	

3. Scope – Chair

TC 2.10 Resilience and Security is concerned with fundamental scientific and engineering design principles for the resilience of the built environments subjected to extraordinary events including mitigating consequential damages, remediation, and recovery.

4. ASHRAE Code of Ethics Commitment – Chair

In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)

**5. ASHRAE Diversity Commitment – Chair**

ASHRAE is committed to providing a welcoming environment. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We proactively pursue and celebrate diverse and inclusive communities understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and for the communities our Society serves. We respect and welcome all people regardless of age, gender, ethnicity, physical appearance, thought styles, religion, nationality, socio-economic status, belief systems, sexual orientation or education.

6. Approval of Hybrid Toronto Annual 2022 Meeting Minutes (Tues., June 28, 2022)

7. Vote to continue with *TC 2.10 Resilience and Security*



8. Announcements-Chair

- Chair breakfast meeting and other ongoing activities ([asktac@ashrae.org](mailto:asktac@ashrae.org))
- Research breakfast meeting
- Chair and Vice Chair Training meeting
- Handbook Chairs Meeting  
Next version of the handbook will be in 2027.
- Programs Training meeting
- Develop a succession plan for the TC's future leadership (e.g., ladder: handbook, secretary, vice chair, chair)

9. Liaison Reports:

- MTG-RES
- MTG-CYB
- TC 2.5 – climate change
- TC 2.7
- TC 2.9
- TC 4.7
- Others

MTG.CYB is about cybersecurity, although it has not produced much to date. Originally a subcommittee of 1.5. All MTGs will be required to renew, disband or merge with an existing technical committee.

Discussion at xxx about adding a resilience component

Discussion at TC 9.8 about adding references to resilience into their handbook chapters

10. Standards and Research Subcommittees Report (Steven Emmerich) – Person needed for this role, discussion over asking Bartik to fill this role. TC 2.10 is currently co-sponsoring an RTAR with XXX on the topic of XXX.  
Discussion regarding the role of airports as needing to serve as both resilient and secure structure.

11. Programs Subcommittee Report (Jason DeGraw) – Online meeting recently, desire/commitment to have in-person meetings to brainstorm programs. Anthony will schedule an in-person meeting at Tampa to brainstorm various programs. Openings are available for TC members to bring forth existing resilience presentations and modify for ASHRAE audience.

12. Handbook Subcommittee Report (David Evers) – Changes from Toronto meeting were sent to the liaison. Publication is anticipated in May. Currently in the stage where we should review the current chapter and suggest any changes for the next edition, possibility to have an owner/operator review the chapter and submit changes from that perspective

13. MTG.RES Report (Scott Campbell)

MTG is multi-disciplinary task group made up of members from other technical committees

Plan had previously been to develop a roadmap for ASHRAE beyond the position document – roadmap was intended to set priorities. Roadmap was sent to TAC for review. Position document does not live forever and will need to be reaffirmed. Discussion included concern over bandwidth of people to be active on the MTG, but perhaps a more limited role of completing the roadmap and updating the handbook chapter is more realistic. Steven Sill participates in the MTG.RES and agreed to be the official member from 2.10

14. Honors and Awards Subcommittee Report (Haven Cassidy)

Maintain goals of two fellow nominations, two xxx nominations, and one xxx nomination

Looking for ideas of people who might be eligible for nomination

March 8 at 2pm MT and April 6 at 2pm MT are the next meetings



15. Web Page and Webmaster Report (Carol Lomonaco)

16. TC 2.10 Activity-Form (v20-D6) (Anthony York)

17. Old Business

- TC 2.10 has had a BaseCamp for members and CMs; Ellen will look into renewing this for the TC, Joslin Ratcliff is the ASHRAE staff person for basecamp support, [jratcliff@ashrae.org](mailto:jratcliff@ashrae.org)
- TC 2.10 has had a private BaseCamp for Honors and Awards (Haven Cassidy)

18. New Business

- Elizabeth and Daniel here from xxx to discuss a BEMS – building energy modeling simulations - involving extreme weather, climate futures, sustainability, resilience, and energy efficiency – looking to build a map application displaying these factors.
- Anthony will schedule monthly meetings for the TC members to check in with each other
- Anthony will complete the activity form, and Jon Cohen will assist with an emergency roster update so that the TC 2.10 can have a quorum in Tampa
- TC 2.10 has a BaseCamp Instructions and Training
- BaseCamp 3 (iPhone Application downloaded to access BaseCamp 3 via iPhone)
- New TC 2.10 Voting Members and Officers
- <https://www.ashrae.org/myactivecommittees>

19. Adjournment