Welcome to the Spring 2024 Technical Chair Breakfast
Introduction, Del Bloem Winners, Incoming and Outgoing TAC Members and Chairs

Tony Nanni, ACI President
Delmar L. Bloem Service Award Winners
Delmar L. Bloem
Distinguished Service Award

Peter Barlow
“for outstanding leadership of ACI Committee 546, Repair of Concrete; and ACI Innovation Task Group (ITG) 93-11, Statistical Techniques for Assessment of Existing Concrete Structures”
Delmar L. Bloem
Distinguished Service Award

Michael C. Brown
“for outstanding leadership of Joint ACI-ASCE Committee 343, Concrete Bridge Design”
Delmar L. Bloem
Distinguished Service Award

Thomas Schumachter
“for outstanding leadership of ACI Committee 444, Structural Health Monitoring”
Incoming and Outgoing TAC Members
Outgoing TAC Member

Kamal Khayat
Outgoing TAC Member

Barzin Mobasher
Incoming TAC Member

Corina-Maria Aldea
Incoming TAC Member

Chris Ferraro
Incoming and Outgoing Chairs
<table>
<thead>
<tr>
<th>Name</th>
<th>Room No.</th>
<th>Name</th>
<th>Room No.</th>
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<tbody>
<tr>
<td>Alec Zimmer</td>
<td>130</td>
<td>Brett Reid</td>
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<td>Leonardo Garcia</td>
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<td>William Thrasher</td>
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<td>Stacia Van Zetten</td>
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<td>Andrew Minogue</td>
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<td>Karthik Obla</td>
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<td>Jose Pacheco</td>
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<td>Miguel Angel Vicente</td>
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<td>Mark Kenneth</td>
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<td>Thomas Schumacher</td>
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<td>Matthew Gombeda</td>
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<td>Doug Hooton</td>
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<td>Nathan Westin</td>
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<td>Lisa Burris</td>
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<td>Robert Barnes</td>
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<td>Maria Konsta</td>
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<td>Brock Hedegaard</td>
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<td>Robert Thomas</td>
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<td>John Kevern</td>
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<td>Justin Torkilson</td>
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<td>Kimberly Waggle Kramer</td>
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## Outgoing Committee Chairs

<table>
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<tr>
<td>Sean Monkman</td>
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<td>Michael Hernandez</td>
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<td>Loyd Keller</td>
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<td>Rachel Detwiler</td>
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<td>Martin Noel</td>
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<td>Henry Prenger</td>
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<td>Mahmoud Reda Taha</td>
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<td>Mary Christiansen</td>
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<td>Will Squyres</td>
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<td>Tracy Grover</td>
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<td>J. Scott Keim</td>
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<td>Kevin Monroe</td>
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<td>Kyle Stanish</td>
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<td>Ganesh Thiagarajan</td>
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<td>Jeffery Volz</td>
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<td>Norbert Delatte</td>
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<td>Andrew McPherson</td>
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Summary of Revisions to the 2024 TCM and Editorial Board Updates

Kamal Khayat, TAC
Section 2.3.4—Convention Committee Meetings

*Updated to include the current process for convention meetings.*

ACI Staff will reach out to all committee chairs before each Convention to confirm the committee meeting day and time.

Staff will do their best to try and accommodate a change request and chairs will be notified of their committee meeting confirmation once scheduled.
Section 4.2.6 Coordination of ACI Standards

Section was expanded to define and list core codes and non-core codes.

A core code is defined as any code directly referenced by an SDO or authority having jurisdiction. Codes will work in a synchronized manner based on how they are adopted by a core code.

Non-core codes should be referenced by core codes in either code or commentary, whenever applicable.
Section 6.2.6.1 Scope

*Updated to address scopes in single-item specifications*

Examples are given to clarify how the scope should be for single-item specifications. The objective is to avoid conflicting requirements if ACI specifications with overlapping scope are referenced in Contract Documents.
ACI Journal Editorial Boards Update

ACI Structural Editorial Board
• Michael Kreger, Editor-in-Chief, University of Alabama
• Catherine French, University of Minnesota
• Mary Beth Hueste, Texas A&M University
• David Sanders, Iowa State University
• Gustavo Parra-Montesinos, Univ. of Wisconsin–Madison

ACI Materials Journal Editorial Board
• W. Jason Weiss, Editor-in-Chief, Oregon State University
• Liberato Ferrara, Polytechnic University of Milan
• Zachary C. Grasley, Texas A&M University
• Shiho Kawashima, Columbia University
• Kamal H. Khayat, Missouri University of Science & Technology
ACI Journal News

- 2017 ACI transitioned to have editorial boards
- New Items Introduced: Special Issues, Page Length 10-12K, AI policies, Dual Units
- ACI has a phenomenal search engine
- ACI papers are available to student members
- Reduced times to publication SJ (11.2 to 8.0), MJ (9.0 to 6.7) months
- Impact Factor Increased -SJ (1.24 to 1.88), MJ (1.22 to 1.83)
- ACI articles will appear more in the concrete smart brief
- Early online access to new information
ACI Journal Review Process Update

• The journal review process has been evaluated
• The conventional ACI review process will be updated
• The major change involves the introduction of associate editors, as is done in many other journals, to help manage the reviews and interpret them
• AEs may call on you to help review – pls help them
• The goal is that this will help to improve the review while maintaining the improved time to publishing
• Implementation has started and will fully be implemented in the Spring of 2024
Introducing the Associate Editors and Updated Boards

SJ – Associate Editors
- Robert Vollum
- Sarah Orton
- Sriram Aaleti
- Min-Yuan Cheng
- Jose Pinchiera
- Adam Lubell
- Shih-Ho (Simon) Chao
- Sergio Brena
- Adolfo Matamoros
- Abdeldjelil (DJ) Belarbi
- Maria Anna Polak
- Damon Fick
- Remy Lequesne
- Laura Lowes

SJ-Editorial Board
- Michael Kreger, EIC
- Mary Beth Hueste
- David Sanders
- Gustavo Parra-Montesinos
- Robert Barnes

JM – Associate Editors
- Christopher Shearer
- Prannoy Suraneni
- Dimitri Feys
- Lisa Burris
- Sulapha Peethamparan
- Yaghoob Farnam
- Ali Ghahremaninezhad
- Sriramya Nair
- Anol Mukhopadhyay
- Tara Cavalline
- Kejin Wang
- Narayanan Neithalath
- Laura Dalton
- Matt Adams

MJ-Editorial Board
- Shiho Kawashima, EIC
- Liberato Ferrara
- Zachary C. Grasley
- Burkan Isgor
- Raissa Ferron

ACI Staff – John Glumb and Lauren Mentz (Managing Editor)
Code Advocacy and ACI Committee Work

Steve Szoke, ACI Code Advocacy Engineer
# ICC Code Development – 2027 I-Codes

<table>
<thead>
<tr>
<th>Step</th>
<th>Group A Fire, Egress, Wildland Fire, Swimming Pools</th>
<th>Group B General, Structural, Residential, Existing Building</th>
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<td>Jan 8 2024</td>
<td>Jan 10 2025</td>
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<td>Committee Action Hearing #1</td>
<td>Apr 7 – 16 2024</td>
<td>Apr 27 – May 6 2025</td>
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<td>Oct 23 – 31 2024</td>
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<td>Group A and B: April 19 – 28, 2026</td>
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**American Concrete Institute**

*Always advancing*
## ICC Code Development – 2027 I-Codes

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### ICC Group A \( \approx 1020 \) Proposals

#### Relevance to ACI Committee Work

<table>
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<td>Swimming Pool</td>
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ICC Group A – ACI Proposals

- Degree of Restraint for Fire Performance
- Add Steel to Concrete Data Due to Addition of 440
- Reference ACI/TMS 216.1 for Steel Tubes and Steel Column Protection
- Reference ACI/TMS 216.1 for Precast Concrete
- Permit ACI/TMS for Prescriptive Details
ICC Group B – Planned Proposals

• ACI 318 – Administrative Update
• ACI 332 – Administrative Update
• GFRP Reinforced Concrete Foundation Walls
  (Transcribe MNL 7 Tables into IRC)
• ITG 12 – 3D Printed Walls
  (Tabular Design in IRC)
• Others TBD – October 2024
  IBC Structural and General
  IRC Building
  IEBC
NFPA 5000 Proposals

- ACI 122.1 – Thermal Bridges
- ACI 122.2 – Thermal Properties (Commercial)
- ACI 122.3 – Thermal Properties (Residential)
- ACI 440.11 GFRP
- NRMCA 100 (formerly PCA 100)
- Slabs-on-Ground - Language
References in Standards

- ASCE 24 on Flood Resistant Construction
  543R Concrete Piles
- NFPA 59A Storage of LNG
  376 RLG Containment
- DOT Pipeline Hazard Materials Safety Admin
  376 RLG Containment
- ASHRAE 189.1 Green Buildings
  323 Low Carbon Concrete
- ASHRAE 90.1 and IECC
  ACI/TMS 122.1, 122.2, and 122.3
## References in Standards and Rules

- **ASCE XX on Foundations**
  - 207 – Mass Concrete
  - 360 – Slabs on Ground
  - 336 – Drilled Piers
  - 543 – Concrete Piles
  - 351 – Equipment (Dynamic/Static)

- **ICC 1155 Low-Carbon Alternative Cements**
  - 323 Low Carbon Concrete

- **ICC 1500 Standard for Existing Building Safety Inspections**
  - 222 – Corrosion
  - 546 – Repair
  - 228 Nondestructive Testing
  - 562 – Repair Code
  - 364 - Rehabilitation
Thank you!

Steve Szoke
steve.szoke@concrete.org

Kerry Sutton
kerry.sutton@concrete.org
Michael Paul, Incoming ACI President
Brandywine Shoal Lighthouse, one of seven such facilities maintained by the United States Coast Guard in the Delaware Bay, marks a hazardous shoal along a heavily traveled ship channel. Constructed between 1912 and 1914 at a cost of $69,850, it was the first such reinforced concrete structure located on a submarine site of the continental United States.

Pervasive deterioration, caused by a hostile, open-water, salt-air environment, and aggravated by a loss of regular maintenance following conversion to an automated facility in the 1950s, led to a decision in 1982 to initiate repairs.

Concrete International first looked at the Brandywine Shoal Lighthouse in 1982 with a description of deteriorated concrete and reinforcing. A 1970s shotcrete coating was also removed from the caisson.

Once the caisson was stripped, precast brackets were welded to heavy steel plates that had been bolted through sound concrete of the caisson wall. The ornate brackets immediately supported formwork for casting of the overhang (structural) portion of the first level deck. Forming of the replacement weatcourse for the lantern level deck proceeded simultaneously.

After the structural deck had been cast, precast columns were welded to plates that had been embedded above the brackets. Precast cornice segments were then welded atop the columns and guyed back. The columns and cornice served as support and working lines for veranda roof formwork, which was detailed to allow
En nuestro Centro de Innovación y Desarrollo México, dimos la bienvenida a Antonio Nanni, Presidente del American Concrete Institute (ACI), la máxima autoridad mundial líder en el desarrollo, dif...see more

See translation

The opportunity to visit Costa Rica and provide a seminar for students and professionals was simply great. Thanks for allowing me to meet and chat with you all!!!
Foundation and Fellowship Scholarship Recipients
Welcoming ACI Foundation Scholarship & Fellowship Students

» Anne Werner 124
  Marina Garcia Lopez-Arias

» Sean Monkman 130
  Johnathan Broyles
  Tijani Mohammed
  Meraj Rubayat Kamal
  Nithya Nair

» Stephanie Paal 135
  Mohammed Jobaer Uddin

» Rachel Detwiler 214
  William Snitzer

» Jan Prusinski 230
  Micah Stark

» Ivan Diaz-Loya 232
  Kate Weiksnar

» Farshad Rajabipour 236
  Avery Londo

» Peter Taylor 325
  Bo Rider

» Gregory Halsted 327
  Anabel N Merejildo

» Rudolph Frizzi 336
  Katie Hogarth

» Nestor Rubiano 342
  Jenna Hays

» Samuel Keske 345
  Sherryen Mutoka

» Benoit Bissonnette 364
  Timothy Mueller
The ACI Foundation's 2023-2024 Fellowship and Scholarship Recipients
Welcoming ACI Foundation Scholarship & Fellowship Students

- Ganesh Thiagarajan 370
  - Sandy Chen

- Garrett Hagen 374
  - Sergio Godinez

- Ying Tian 377
  - Noah Struck
  - Carlos Franco Mayorga Gallegos

- Jefferey Volz 423
  - Jeremy Dodd

- David Shook 435
  - Timothy Kohany

- Maria Lopez de Murphy 440
  - Sam Valmassoi
  - Paul Acuna

- Thomas Schumacher 444
  - Bayezid Baten

- Mi-Geum Chorzepa 447
  - Colin Boyle

- Amir Bonakdar 544
  - Saida Rezaee
  - Moustafa Mansour

- Andrew McPherson 551
  - Cameron Hicks

- Chuck Larosche 562
  - Dana Tawil

- Scott Jones 564
  - Habibelrahman Hassan
The ACI Foundation's 2023-2024 Fellowship and Scholarship Recipients

2023-2024 FELLOWSHIP AND SCHOLARSHIP RECIPIENTS

American Concrete Institute

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Thank you

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