



American Concrete Institute

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## Meeting Agenda #67

**365: Service Life Prediction  
Virtual  
Monday, October 18, 2021  
12:00 pm to 3:00 pm Eastern**

***Mission:** Develop and report information on the service life of concrete structures.*

**Chair: Kyle Stanish**

**Secretary: Jose Pacheco**

### **1. Administrative (3 min)**

- 1.1. Membership Update:
  - 1.1.1. 23 Voting Members, 7 Consulting Members, 45 Associate Members, 2 Liaison Members
  - 1.1.2. New Associate Members: Mark Dixon, TCG; Matthew Mulheron, GCP; Hossam Alalaily, Beton
  - 1.1.3. Regrets:
- 1.2. Approval of the previous meeting's minutes: Administrative Ballot closing 10/11
- 1.3. Approval of Agenda.

### **2. Meetings of Interest (2 min)**

- 2.1 6<sup>th</sup> International Conference on Concrete Repair, Rehabilitation and Retrofitting (ICRRR 2022) October 4 to 6, 2022, Cape Town, South Africa, Prof. Hans Beushausen, University of Cape Town, [hans.beushausen@uct.ac.za](mailto:hans.beushausen@uct.ac.za); [icrrr2022.org](http://icrrr2022.org)
- 2.2 Others

### **3. New Document: Design Standard for Service Life Predictions (1hr 30 min)**

- 3.1. Ballot 1: Name of Person doing Service Life Assessment – Closed 9/17
  - 3.1.1. Does it need to be an engineer?
  - 3.1.2. Generic or specific title?
- 3.2. Ballot 2: Review of Document – Closes 10/11
- 3.3. Timeline:

Fall 2017 (Anaheim)	Identify Chapter Leads
Spring 2018 (Salt Lake City)	Chapter Outlines
Fall 2018 (Las Vegas)	Chapter Outlines
Spring 2019 (Quebec City)	First Ballot – Chapter 3
Fall 2019 (Cincinnati)	Initial Draft
Spring 2020 (Virtual)	Definitions Balloting
Fall 2020 (Virtual)	Revision & Balloting
Spring 2021 (Virtual)	Revision & Balloting
Fall 2021 (Virtual)	Overall Revision
Spring 2022 (Orlando, FL)	Revision to submit to TAC
Fall 2022 (Dallas, TX)	Address TAC Comments
Spring 2023 (San Francisco, CA)	Address Public Comments

#### 3.4. Next Steps

#### 4. BREAK (15 min)

#### 5. Technical Presentations (10 min)

- 5.1 Ben Sadawi, CMC, "Alternative Reinforcement Products in the Design of Concrete Structures – Durability Performance"

#### 6. Convention Sessions (30 min)

##### 6.1 List of Possible Sessions

- 5.1.1 Model vs Model (comparison of different models), Berke
- 5.1.2 Durability and service life with 201, Pacheco
- 5.1.3 Service Life and Residual Capacity of Concrete Structures, Chiadiac
- 5.1.4 Implementing Service Life Design, Church, Nagi
- 5.1.5 Service Life Modelling in design/build projects
- 5.1.6 Evaluating model sensitivity for different parameters
- 5.1.7 Probability analysis to focus on importance of different parameters, Mahmoud
- 5.1.8 Service life and ultra-high-performance concrete (liaising with ACI329)
- 5.1.9 Performance specifications and Service Life Modelling – possibly joint with 329

#### 7. Adjournment

- 7.1 The next convention meeting is scheduled for Monday, March 28, 2021 from 9-12 at Spring 2022 Convention in Orlando, FL.