

ACI Committee 555: Concrete with Recycled Materials

Meeting Agenda

2011 Fall Meeting, Cincinnati, OH

Monday, October 17, 2011, 5:00-6:30 p.m.

1. Call meeting to order and introductions.
2. Review, correct, and approve minutes from Fall 2010 (Pittsburgh).
3. Introduction of and comments by TAC contact Antonio Nanni.
4. Committee Membership
 - a. Requests for membership in committee: please submit application on-line at http://www.concrete.org/COMMITTEES/COM_JOIN.asp
5. Points of discussion within context of the Committee's Mission "Develop and report information on recycled concrete and other recyclable materials in concrete."
 - a. Review and comment on committee mission.
 - b. Report from ACI Workshop for Technical Committee Chairs
 - c. Technical topics which committee is willing to develop an ACI Educational Seminar.
 - d. Are there research issues which would assist this committee in meeting its mission? Gallup, NM...field performance scrap tire and glass, limestone crusher fines. Perhaps case histories need to be made for long term performance. Frank Kozelinski
 - e. Previously discussed topics:
 - i. Field performance of concrete containing recycled materials; case histories are needed for long term performance (Frank Kozelinski)
 - ii. Concrete for Nuclear Power Plants
 - iii. Recycled fibers (tire derived steel and recycled carpet fibers).
 - iv. Washwater recycling/reuse (and use of "Gray" water).
 - f. Open (New) Topics
6. Committee documents:
 - a. ACI 555R-01 Revision
 - b. ACI 555 SOTA Recycled Materials as Aggregates. Charlie Pierce, Rick Yelton, and Christian Meyer (and Matt Adams) have volunteered to assist with formatting and balloting individual chapters.
7. Future activities:
 - a. Co-sponsored conferences/sessions:
 - i. 2nd International Conference on Current Trends in Technology (NUiCONE 2022), December 8-10, 2011, Nirma University, Gujarat, India.
 - ii. 14th International Conference on Alkali-Aggregate Reaction in Concrete, ICAAR 2012, May 20-25, 2012, Austin, Texas.
 - iii. International Conference on Sustainable Development of Critical Infrastructure (IC-SDCI), Shanghai Jiao Tung University, November 2012.
 - iv. IABSE Spring Conference – Assessment, Upgrading and Refurbishment of Infrastructures, May 6-8, 2013, Rotterdam, Netherlands
 - v. 1st International Conference on Concrete Sustainability, Tokyo, Japan, May 27 - 29, 2013.
 - vi. Third International Conference on Sustainable Construction Materials and Technologies – SCMT3, Kyoto, Japan August 18-22, 2013.

- b. Future Conference Sessions (recommendations for sessions/volunteers)
- c. Presentations to Committee (topics/volunteers for presentation)
- d. Open for Discussion

8. Other business

9. Presentation to Committee:

“Seismic Properties of Confined Recycled Aggregate Concrete,”

Presenting Author: Mohamed Mahgoub, New Jersey Institute of Technology.