
Research Brainstorming: Ranking ideas and assigning tasks

A brainstorming session held in Chicago 2012 generated 51 possible research ideas. These ideas were categorized and sorted. Assignment of categories and applicability are notional. The task in San Antonio was to pick the top three ideas. Each person present was given 5 votes to distribute among the ideas as they saw fit. The top three ideas were to be selected as the highest priority; however there was a tie for 3rd so the top four were taken. Several ideas were similar or overlapping so these were consolidated into single topics. The results are summarized below. Draft RTARs are invited for the topic areas.

Topic #1: A consolidation of the ideas given in the table below. The RTAR should focus on recommended operations for buildings that do not conform to the standard occupancy schedules assumed for design.

Rank	ID	Description	Category	Applicability
#1	39	Moisture control in idle buildings (in hot and humid climates)	Operations	Guidelines
#1	51	What dew point do we have to maintain in a building that has both cooled and un-cooled rooms to avoid problems in internal walls?	Operations	Guidelines
#1	47	Safe transition from an occupied to an unoccupied state of a building; what are the limits for temperature and RH?	Operations	Applications

Topic #2: A consolidation of the ideas given in the table below. The RTAR should focus on strategies for dealing with and or minimizing construction moisture.

Rank	ID	Description	Category	Applicability
#2	4	Strategies to keep buildings dry during construction	Design & Details	Guidelines
#2	27	What to do about the reality of excess moisture after construction?	Loads	Guidelines

Topic #3: A consolidation of the ideas given in the table below. The RTAR should focus on determine the indoor conditions in industrial, commercial, and institutional (ICI) buildings.

Rank	ID	Description	Category	Applicability
#3	32	Moisture production in non-residential buildings	Loads	Fundamentals
#3	19	Compendium of industrial indoor conditions	Interior Environment	Applications

Topic #4: Heritage and special purpose buildings; maintaining RH and Temperature.

Rank	ID	Description	Category	Applicability
#4	44	Heritage and special purpose buildings; maintaining RH etc.	Operations	Guidelines