

General South Pole Station Master Plan (SPSMP) Charrette Topic Identification Survey:

Please complete the following three questions to help us prepare for the SPSMP Charrette in July. Participation in this survey is voluntary, and should take about 15 minutes to complete.

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Question One:

Which Focus Groups are you a member of? **Select all that apply.**

- 1: Station Managers & AEP PMTs
- 2: Arches
- 3: Sectors
- 4: Building Lift
- 5: Utilities
- 6: Aviation

Question Two:

Of the following issues, which are the TOP TEN most critical for the future of the South Pole Station (your opinion)? **Select 10.**

Plan campus location relative to the geographic South Pole (includes conceptual design & siting possibilities)
Plan for consolidation or replacement of Buildings in Summer Camp Area (20+ structures) (includes conceptual design & siting possibilities)
Plan for demolition of Legacy Buildings
Rightsize Vehicle Maintenance Facility (VMF) functions and space (VMF = garage, staging area, and winter parking area) (includes conceptual design & siting possibilities)
Rightsize Interior & Do Not Freeze (DNF) Storage Infrastructure (includes conceptual design & siting possibilities)
Rightsize Exterior Storage (includes conceptual design & siting possibilities)
Evaluate appropriate Trades Workshop options (includes conceptual design & siting possibilities)
Evaluate Vertical Tower and Elevator use, function, and alternatives options
Plan for future replacement and cabling of Antenna Fields based on life cycles (includes conceptual design & siting possibilities)
Plan for future Rod wells (includes conceptual design & siting possibilities)
Address Sector Encroachment
Evaluate Science Colocation Potential
Evaluate appropriate Science Staging Area options (includes conceptual design & siting possibilities)

Evaluate rebalance options for Future Science and Facility Surges
Evaluate Future Area Support Capacity & Flexibility options
Evaluate rebalance options for Mission Support Staffing relative to science
Address Arches structural issues
Address urgency of Age and Ice Stress on facilities (i.e.: SPRESSO, other vaults)
Address Legacy & Unfinished Utility Grids & Structures
Plan for Building Lift of main station
Plan for Building Lift of each accessory structure
Address Sustainable Management of Snow/Ice Accumulation and Drift
Evaluate Physical Resupply & Transport Capabilities and improvement options
Evaluate Utility Tunnel Systems Maintenance and overall sustainability options
Evaluate Sustainable and/or Renewable Power Supply Capacity options
Evaluate Utility Repair Capabilities and options
Plan for Increase of Data Speed & Transfer Capacity
Evaluate 24-7 Data Communications Connectivity and improvement options
Evaluate Waste Management improvement options
Evaluate primary and backup Water System options
Evaluate Waste Water Treatment options

Question Three:

Are there any specific topics that you would like to address in the Charrette, but did not see listed in Question #2?

[COMMENT BOX]