

2009 Facilities Engineering and Real Property Symposium
“Building a Sustainable Tomorrow!”
Langley Research Center, Hampton, Virginia
May 12 – 14, 2009

Tuesday, May 12, 2009

7:00 a.m. Registration / Continental Breakfast – Reid Center – Please arrive early for Registration!!!

8:00 Opening Ceremony – Color Guards

8:05 Opening Remarks – Frank Bellinger, Director, HQ/Facilities Engineering & Real Property Division

8:10 Welcome to Langley Research Center – Lesa Roe, Director, Langley Research Center

8:45 Influences on NASA’s Infrastructure Strategy –
 Olga Dominguez, Assistant Administrator, HQ/Office of Infrastructure

9:30 **Break**

10:00 Keynote Speaker – William (Bill) McDonough, McDonough Consulting, LLC. –
 “Cradle to Cradle: A World of Good Design”

11:30 Sound bites – Moderators: Steve Frankel, Mark Woodling

11:35 – 1:00 Lunch

Senior Executives Meeting, Wythe Room – Frank Bellinger (Invitation Only)

Breakout Sessions

Time (PM)	Reid Center Auditorium	Reid Center Hampton Room	Reid Center Langley Room	NAV CENTER, Rm 200
1:00	Introduction to Headquarters Perspective for Master Planning	Open (See Moderators to schedule)	Enhanced Use Leasing Process and Review	Deferred Maintenance Reduction Plan
1:30			Results of Leasing Study	
2:00	Center Master Planning Perspective		Real Property Inventory (RPI)	Demolition
3:00	Break – Light Refreshments			
3:30	Building Information Modeling	Open (See Moderators to schedule)	Capitalization and Depreciation of Real Estate	Reliability Centered Maintenance and Predictive Testing & Inspection Training
4:00			Real Property Guides and Business Case	
4:30			Administration of Real Estate Records and Validation of FRPP	
5:00			NASA as a Tenant	
5:30 ~ 7:00	Networking Reception, LaRC Cafeteria			

Breakout Session Details

1:00pm Intro to HQ Perspective for Master Planning. Overview of FERP goals and how master planners contribute to achieving them.

Location: Reid Auditorium
Presenters: Frank Bellinger, Calvin Williams, Kim Toufectis

1:00pm Enhanced Use Leasing Processes and Review.

Presentation and discussion of processes for developing and submitting EULs for Review.

Location: Reid Langley Room
Presenter: Al Johnson

1:00pm Deferred Maintenance Reduction Plan.

NASA Authorization Act, 2008 requires a report with our FY 2011 budget request how we are going to reduce our maintenance backlog by 50% in five years.

Location: NAV Center
Presenter: Steve Rider

1:30pm Results of the Leasing Study.

Presentation on data collection and initial findings for Congressional report regarding NASA practices related to out-lease of NASA facilities to the private sector and to other federal agencies. Focus is on charges for services provided to tenants.

Location: Reid Langley Room
Presenter: Jose Flores, Kurt Haglund

2:00pm Center Master Planning Perspective.

A round table of lessons learned over a year of robust master planning activity. Center reps are asked to bring samples or illustrations of innovations, best practices, and other learning. If you've learned it, please share it with your peers.

Location: Reid Auditorium
Presenter: Kim Toufectis

2:00pm Real Property Inventory Updates (RPI database).

Roundtable discussion of updates to RPI and discussion of field required changes to RPI and FUS. Will use live database in discussion.

Location: Reid Langley Room
Presenter: Al Johnson

2:00pm Demolition. Would you like to have a successful demolition/deconstruction project? This session will feature the US Army Corps of Engineers Demolition group showcasing work with NASA at ARC and LARC as well as MSFC highlighting their successful process and remarkable savings in deconstruction.

Location: NAV Center
Presenters: Harriet Ross, Thad Stripling, Kevin Healy, and Peter Chan.

3:30pm Building Information Modeling.

Welcome to the BIM workshop! We need participation from the BIM Champions as well as across all communities in Facility Engineering and Real Property to ensure successful implementation of our BIM Agency Roadmap. This session is to be an open discussion, highlighting examples and obtaining input to ensure that we have the framework in place to affect our plan.

Location: Reid Auditorium
Presenter: Harriet Ross

3:30pm CFO Capitalization & Depreciation of Real Estate.

Presentation and discussion of capitalization criteria for real estate and how it has changed in the RPI.

Location: Reid Langley Room
Presenter: Al Johnson,
Welcome: Frank Bellinger, Calvin Williams

3:30pm Reliability Centered Maintenance and Predictive Testing & Inspection Training.

Roundtable discussion of RCM & PT&I techniques, training requirements, and needs.

Location: NAV Center
Presenter: Ronald DiLustro

4:00 pm Real Property Desktop Guides.

Roundtable discussion of the plan for development of task specific real property guides and to get input from the Centers related to what topics they need covered.

Location: Reid Langley Room
Presenter: Sherry DiLustro, Al Johnson

4:30pm NASA Real Estate - Administration of Records.

Discussion of several records related items including issues with data input to the Federal Real Property Profile (GSA) and NASA requirements for data validation. Will also discuss ongoing purge of old archived files and why the Centers will receive the deleted files from HQ.

Location: Reid Langley Room
Presenter: Al Johnson

5:00pm NASA as a Tenant.

Presentation and discussion of the requirements for use of one Centers property by another Center - yes there needs to be a facility use agreement.

Location: Reid Langley Room
Presenter: Renee Ponik

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Wednesday, May 13, 2009

7:00a.m. Registration / Continental Breakfast – Reid Center

- 8:00 Opening Remarks – Frank Bellinger
- 8:05 View from the Top – Charles H. Scales, Associate Deputy Administrator
- 8:20 Agency Facility Strategy –
Richard (Rick) Keegan, Director, HQ/Office of Program and Institutional Integration
- 9:00 Mission Directorate’s Panel –
Jon Montgomery, Director, Mission Support Office, ARMD
Dave Radzanowski, Deputy Associate Administrator for Program Integration, SOMD
Ellen Stigberg, Deputy Director, Strategic Integration & Management Office, ESMD
Gary Gibson, Acting Deputy Director, Science Directorate, LaRC
- 9:45 **Break**
- 10:00 New Town, George Finelli, Director of Center Operations, LaRC
- 10:45 Center Director’s Perspective –
Lesa Roe, Director, LaRC
Michael Wetmore, Associate Director, Engineering and Technical Operations, KSC
- 11:30 Sound bites – Moderators: Steve Frankel, Mark Woodling
- 11:35 – 1:00 Group Photo
Lunch**

Breakout Sessions

Time (PM)	Reid Center Auditorium	Reid Center Hampton Room	Reid Center Langley Room	NAV CENTER, Rm 200
1:00	Energy Savings Performance	Facility Project Management Database	Improving the Linkage Between Mission and Institution	Final Vouchers for Disposal of Real Estate
1:30	Contracts / Utility Energy Services			Disposal of Real Estate (Santa Susana example)
2:00	Contracts / Power Purchase Agreements – Financing Alternatives		Sustainability in Master Training: Best Practices	GSA Portfolio Restructuring
3:00	Break – Light Refreshments			
3:30	Tour offered at 3:30pm (mandatory sign-up at registration desk, first come first serve).			
3:30	Hurricane Decision Support System	Safety Training Development Discussion	Geographical Information System in Support of Master Planning	Sustainability Training Development Meeting (by invitation only)
4:00			Capital Improvement Program Plan and Master Planning Website	
4:30				
5:00				

Breakout Session Details

1:00pm Energy Savings Performance Contracts/Utility Energy Services Contracts/ Power Purchase Agreements.

Location: Reid Auditorium
Presenters: Karen Thomas and Tom Hattery (DOE)

1:00pm Facility Project Management Database.

Introduction to FPMD plus current and future plans for its use.

Location: Reid Hampton Room
Presenters: Gene Pinali and Steve Rider

1:00pm Improving Linkage between Mission and Institution. A workshop to put a plan together that maps out the building of a closer relationship with mission directorate customers to improve alignment between their plans and ours.

Location: Reid Langley Room
Presenter: ARC, and others

1:00pm Final Vouchers for Disposal. Presentation on close out of real property records after disposal of the property whether by demolition, transfer, or sale includes discussion of final "close out" voucher.

Location: NAV Center, Rm 200
Presenter: Debbie Hendon

1:30pm Disposal of Real Estate (Santa Susanna example). Presentation and discussion of Real Estate Disposal process for excess property focusing on experience at SSFL to inform Centers of requirements and road-blocks involved with disposal of excess real property.

Location: NAV Center
Presenter: Jose Flores

2:00pm Sustainability in Master Planning: Best Practices.

Location: Reid Langley Room
Presenter: ARC, GSFC, and others

2:00pm GSA Portfolio Restructuring. Presentations by GSA regarding disposal projects they are currently working including Santa Susana. Will also speak to other portfolio restructuring projects for other executive agencies.

Location: NAV Center
Presenters: Gordon Creed, John Mandall

3:30pm Hurricane Decision Support System. Emergency Management and Planning Support

Location: Reid Auditorium
Presenter: Troy Frisbie

3:30pm Safety Training Development Discussion. Roundtable discussion of current safety policy gaps, and opportunities for enhancements.

Location: Hampton Room
Presenter: Wei-Yen Hu

3:30pm Tour. Driving tour of LaRC National Transonic Facility and the Liquid Nitrogen Plant. Stops at other laboratories as time permits.

Location: Reid Center Lobby

3:30pm Geographical Information System in support of Master Planning.

A representative from the team that developed a central platform from which to view relevant site information about each major NASA field installation will demonstrate and lead a related discussion; participants are challenged to seek ways to apply these tools to improve facilities management and planning.

Location: Reid Langley Room
Presenter: Adam Dunlap

3:30pm Sustainability Training Development Meeting (by invitation only).

Location: NAV Center
Presenter: Eugene Mszar

4:30pm Capital Improvement Program Plan and Master Planning Website. Kim Toufectis and others from Headquarters will show the CIPP tool and master planning website, and will summarize what it shows us about our own plans and how these tools advance the case for appropriate facilities investment.

Location: Reid Langley Room
Presenter: Kim Toufectis

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Thursday, May 14, 2009

7:00 a.m. Registration / Continental Breakfast – Reid Center

- 8:00 Opening Remarks – Frank Bellinger, Director, HQ/Facilities Engineering & Real Property Division
- 8:05 Outlook from the Comptroller – David Schurr, NASA Comptroller
- 9:00 Agency Geographical Information System – Adam Dunlap
- 9:30 **Break**
- 10:00 New directions in energy and green buildings –
 Ray Quartararo, International Director, Jones Lang LaSalle
 Dan Probst, Chairman, Energy & Sustainability Services, Jones Lang LaSalle
- 11:00 Historic Mitigation – Tina Norwood, HQ/Environmental Management Division
- 11:30 Closing of Plenary Sessions – Frank Bellinger
- 11:40 Sound Bites – Moderators: Steve Frankel, Mark Woodling

11:45 – 1:00 Lunch

Breakout Sessions

Time (PM)	Reid Center Auditorium	Reid Center Hampton Room	Reid Center Langley Room	NAV CENTER, Rm 200
1:00	Recapitalization Implementation	Open (See Moderators to schedule)	NASA Policy Directive 8810.1, Master Planning for Real Property Update	Maintenance and Operations Update
1:30				
2:00	Mitigation Upgrade at SSC's High Pressure Gas Facility		Master Planners - Planning the Coming Year	
2:30				
3:00	Break – Light Refreshments			
3:15	Tour offered at 3:15pm (mandatory sign-up at registration desk, first come first serve)			
3:15	Overview of National Historic Preservation Act, Section 106	Open (See Moderators to schedule)	Preliminary Design Review (PDR) – GRC Repair-By-Replacement Building.	Open (See Moderators to schedule)
4:30				
5:00				

Breakout Session Details

1:00pm Recapitalization

Implementation. Want to obtain or implement a Recapitalization project? This session will specifically address the process for obtaining and implementing recapitalization projects.

Location: Auditorium
Presenters: Harriet Ross

1:00pm NPD 8810.1 Master Planning Procedural

Requirements Update. Based on prior sessions, a workshop to chart out the key changes to master planning policy. Issues include responding to new facilities reduction targets, to new tools, new technologies, and to deepening relationships with customers.

Location: Reid Langley Room
Presenter: Kim Toufectis

1:00pm Maintenance and Operations Update.

Roundtable discussion of current O&M issues and studies.

Location: NAV Center
Presenter: Ronald DiLustro

2:00pm Mitigation Upgrade at SSC's High Pressure Gas Facility (HPGF).

Stennis Space Center is operating a new increased efficiency nitrogen pumping system at its High Pressure Gas Facility. The new system resulted from NASA collaborating with a pump manufacturer to develop a newly designed pump that is much more efficient than its older Kobe pumps thereby reducing power consumption. The new system is expected to significantly reduce annual maintenance costs.

Location: Reid Auditorium
Presenter: Lawrence Haselmaier

2:30pm Master Planners Planning the coming year.

This is an opportunity for the master planning community to chart out issues of common interest and that deserve our focus over the next year.

Location: Reid Langley Room
Presenter: Kim Toufectis

3:15pm Preliminary Design Review (PDR) – GRC Repair-By-Replacement Building.

This is a formal review by a selected panel. Aspects of the building design and LEED strategies will be highlighted as part of this review. A general audience is invited to this session, but in an observation capacity only. Only PDR Panel Members are permitted to ask questions during the presentation.

Location: Langley Room
Presenter: Mark Woodling and Steve Rider

3:15pm Overview of National Historic Preservation Act, Section 106

Location: Reid Auditorium
Presenter: Tina Norwood

3:15pm Tour. Driving tour of LaRC National Transonic Facility and the Liquid Nitrogen Plant. Stops at other laboratories as time permits.

Location: Reid Center Lobby

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Friday, May 15, 2009

Time (AM)	Reid Center Auditorium	Reid Center Langley Room	Reid Center Hampton Room
8:00	ECIC Face-to-Face	OMFIT Face-to-Face	
8:30			
9:00			
9:30			
10:00			
10:30			
11:00			
11:30			
12:00			