

NASA Earth Science Data System Working Groups

8th Joint Meeting

October 20-22, 2009

Wilmington, Delaware

Meeting Agenda

Day One, Tuesday, Oct. 20

- 08:00 – 09:00 Registration, *Winterthur Foyer*
- 09:00 – 09:20 ESDSWG Manager's Welcome, Meeting Details and Agenda (F. Lindsay), *Winterthur*
- 09:20 – 09:35 Welcome and Charge from NASA HQ (M. Maiden), *Winterthur*
- 09:35 – 10:45 Update and WG Overviews, *Winterthur*
- Technology Infusion (K. Moe)
 - Software Reuse (J. Marshall)
 - Metrics Planning and Reporting (R. Ramapriyan)
 - Standards Process (R. Ullman)
- 10:45 – 11:00 Morning Break
- 11:00 – 12:30 ESDSWG in the Decadal Survey Era, *Winterthur*
- Challenges to NASA Earth Science Data Systems (M. Maiden)
 - ESDSWG Organizational Structure and Reporting (F. Lindsay)
 - Data System Requirements and Mission Interfaces (R. Ramapriyan)
 - EOSDIS Lessons Learned (J. Behnke)
- 12:30 – 01:15 Lunch Break (on your own)
- 01:15 – 02:00 Challenges for DS Data Systems (Tony Freeman, JPL), *Winterthur*
- 02:00 – 03:30 Individual Working Group Breakout Meeting – Session #1
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| SRWG | RRLs; new tech and/or pack/distribute assets | <i>Salon F</i> |
| TIWG | Data Systems Interoperability –Joint with SPG | <i>Winterthur</i> |
| SPG | Web Services Technical Workshop | <i>Winterthur</i> |
| MPAR | FY09 Activities and progress | <i>Salon E</i> |
- 03:30 – 03:45 Afternoon Break
- 03:45 – 04:10 Application Perspectives on Decadal Survey Missions & Data (L. Friedl, HQ), *Winterthur*
- 04:10 – 04:20 Q&A/Discussion (all)
- 04:20 – 04:45 Modeling Needs for Data Systems – Near and Mid-Term Goals (T. Lee, HQ), *Winterthur*
- 04:45 – 04:55 Q&A/Discussion (all)
- 04:55 – 05:20 Lessons Learned on Data Applications (Dave Jones, StormCenter), *Winterthur*
- 05:20 – 05:30 Q&A/Discussion (all)
- 05:30 – 05:45 Conclusion of Day One – Summary and Conclusions, *Winterthur*

Day Two, Wednesday, Oct. 21

- 08:00 – 09:00 Registration, *Winterthur Foyer*
- 09:00 – 10:45 Tier One Mission Overviews and Data System Needs & Discussion (J. Hyon), *Winterthur*
- Clarreo (D. Young & C. Currey, LaRC)
 - DESDynl (D. Cuddy, JPL & S. Kempler, GSFC)
 - ICESat II (D. Hancock, GSFC)
 - SMAP (B. Jai & R. Toaz, JPL)

10:45 – 11:00 Morning Break

11:00 – 12:30 Individual Working Group Breakout Meeting – Session #2

SRWG	Talk by John Schnase; decadal survey missions	<i>Salon F</i>
TIWG	Technology Infusion Process	<i>Salon C</i>
SPG	Reference Architectures: Decadal Survey Perspectives Experiences in Community Building – D. Cuddy (JPL) ECS/EOSDIS Architecture – D. Marinelli (GSFC) AMSR-E SIPS: Distributed Processing system – H. Conover (UAH)	<i>Winterthur</i>
MPAR	Metrics and MEaSURES	<i>Salon E</i>

12:30 – 01:30 Lunch Break (on your own)

01:30 – 03:30 Individual Working Group Breakout Meeting – Session #3

SRWG	Decadal survey missions (w/mission rep(s))	<i>Salon F</i>
TIWG	Services Interoperability	<i>Salon C</i>
SPG	Reference Architectures: Decadal Survey Perspectives DESDynl and SMAP Science Data System Architecture – D. Cuddy (JPL) CLARIO Science Data System Architecture - C. Curry (LARC) ICESat II Science Data System Architecture - D. Hancock (GSFC)	<i>Winterthur</i>
MPAR	Metrics Collection – MCT & EMS	<i>Salon E</i>

03:30 – 03:45 Afternoon Break

04:00 – 05:30 Individual Working Group Breakout Meeting – Session #4

SRWG	Talk by IPP Office; packaging/distributing assets	<i>Salon F</i>
TIWG	Services Interoperability and Semantic Web	<i>Salon C</i>
SPG	Reference Architectures for Decadal Survey Discussion – core standards A discussion session. Given community experience, past practice and the decal survey plans, what standards are needed by the decadal survey mission data systems? Representatives from the decadal survey mission data systems will be asked to discuss this. What standards are recommended for the Decadal Survey science data systems? The output of this session will be an action plan or specific recommendations. Standards Recommended by the Standards Process Group – R. Ullman (GSFC) -- Planetary Data System Architecture and Core standards – E. Law (JPL) Discussion Summary of Responses from Decadal Survey Regarding Needed Standards -All	<i>Winterthur</i>
MPAR	Action items and work plan	<i>Salon E</i>

05:30 – 07:00 Posters and Cash Reception, *Longwood*

Day Three, Thursday, Oct. 22

- 08:00 – 09:00 Registration, *Winterthur Foyer*
- 09:30 – 10:45 Working Group Meeting Highlights and Challenges, *Winterthur*
- Technology Infusion (K. Moe)
 - Software Reuse (J. Marshall)
 - Metrics Planning and Reporting (R. Ramapriyan)
 - Standards Process (R. Ullman)
- 10:45 – 11:00 Morning Break
- 11:00 – 11:30 Software Reuse Annual Awards (J. Marshall), *Winterthur*
- 11:30 – 12:00 Data Life Cycle Considerations (R. Duerr, UoC, lead), *Winterthur*
- 12:00 – 01:00 Lunch Break (on your own)
- 01:00 – 01:45 Data System Needs for MEaSURES Projects (R. Ramapriyan, lead), *Winterthur*
- 01:45 – 03:00 Discussion: Data Systems Looking Forward (J. Hyon & F. Lindsay), *Winterthur*
- What are the challenges and opportunities?
 - What are some of the common approaches across the DS missions?
 - Can use cases be developed to inform future needs of the data systems?
- 03:00 – 03:45 Close of Joint 8th WG Meeting, Conclusions and Actions, *Winterthur*