



2009 Space Weather Enterprise Forum

*Space Weather and our Technological Society –
Are We Ready for Solar Max?*



**Sponsored by the
National Space Weather
Program Council**

Commerce, Defense, Energy, Interior, State, Transportation, NASA, NSF
Office of the Federal Coordinator for Meteorological Services and Supporting Research

Session 9: Summary and Next Steps

Dr. Louis Lanzerotti, Distinguished Research Professor of Physics, Center for Solar-Terrestrial Research, New Jersey Institute of Technology

Forum Wrap-up and Summary of Key Take-away Information

Mr. Samuel P. Williamson, Federal Coordinator for Meteorology

Closing Remarks



Forum Summary

- **Dr. Louis Lanzerotti**,
Distinguished Research
Professor of Physics,
Center for Solar-Terrestrial
Research, New Jersey
Institute of Technology



Forum Summary – Key Take-Aways

- **Positive OSTP engagement in NSWP**
 - Need for wider government engagement
- **Development test bed approach—missing link between CCMC and operations**
- **Importance of operations feedback to research, with responsive researchers (adjust solicitations)**
- **Communications**
 - Improve our language / lexicon for the public
 - Visualizations to convey info to the public
 - Consider “A Day without Space Weather” idea
 - Improve ability to convey impacts to the public and decision makers



Forum Summary – Key Take-Aways

- Realizing real partnering opportunities
- Build on disaster reduction efforts underway, including NSWP working with agencies including DHS
- Is the community organized properly?
- Recurring theme of “interfaces” – seams we need to address
 - Among researchers and specialties
 - Regions of atmosphere and space
- Value of requirements reviews – opening lines of communication
- Positive CSESMO action – coordinated approach to solar wind continuity and low Earth orbit data



Forum Summary – Key Take-Aways

- **Ensure necessary expertise is in the education pipeline – critical skill shortages**
- **Communicate to stakeholders at the right level**
- **How and what to convey to stakeholders**

