



***Polar Space Task Group
Meeting 4***

***Strategic Plan: 2015-2018
for PSTG***

NASA- GSFC
29 Sept – 1 Oct, 2014



Proposed ToC of Strategic Plan

- **Executive Summary**
- **Introduction**
 - What is PSTG?
- **Mandate and Governance**
 - Mandate of PSTG
 - Governance
 - Functional Requirements
- **Strategic Scientific Foci**
- **Sourcing Scientific / User Requirements**
 - Interfacing with Science Communities
 - Consolidating Space Observational Requirements
- **Strategic Implementation**
 - Establishing Strategic Goals
 - Establishing Observation Plans
 - Products/Product Distribution and Data Access
 - Evaluate Observation Gaps
- **Working Groups**
- **Measures of Success**
- **Reporting**
 - (CEOS/CGMS/WMO)
- **Outreach**
- **Implementation Schedule**

Annex I Terms of Reference of PSTG and Working Groups



Strategic Foci discussed at PSTG-1

- Sea ice mass balance and mass variability
- Ice sheet mass balance contribution to sea level
- Atmospheric products to facilitate improved polar NWP
- Freshwater budget closure at high latitudes (snow and permafrost impact on polar hydrological cycle)
- Circumpolar changes in permafrost and terrestrial biosphere (consequences for Carbon and hydrological cycles)
- Physical forcing of atmospheric chemistry in polar atmosphere (surface/troposphere, and troposphere/stratosphere coupling in the UTLS)
- Ecosystem response to variability and change