

# SCOPE-CM Phase II (2012)

- Goal: advancement of the sustained generation of CDRs from satellite data
  - Increase the number of CDR generation capabilities of higher maturity
- By
  - identifying CDR-generating activities that are sustainable
  - providing guidance and advice
  - fostering partnerships

# Growth Opportunities

- Community
- Visibility
- Relevance to agencies, perhaps others
- Branding value
- Clarity of role with GSICS, GCOS and WG-Climate

# Some Options for Future

- Continue emphasis on maturing products
- Emphasize transitions to sustained production
- Explicitly support Climate Monitoring communities
- Focus on coordination and sustainment

# Continue emphasis on maturing products

- Formerly adopt extended MM
- Consider adopting Stewardship MM
- Emphasize compliance with key aspects supporting SCM goals
- Develop *doi* strategy
- Develop documentation strategy

# Emphasize transitions to sustained production

- Define sustainment and compliance criteria
- Identify and define relevant characteristics, e.g., continuity, latency, robustness, open-sourcing, QA, configuration control
- Develop R2O best practices guidance
- Develop approaches to expose and interrogate resulting SCOPE inventory (e.g., ECV Inventory)
- Support migration to new space instruments

# Explicitly support Climate Monitoring communities

- Consider user groups engaged in “Climate Monitoring”
  - E.g., WMO RCCs, Copernicus CS, WCRP Projects, PREP, Obs4MIPS, Periodic Reports, BAMS State-of-Climate
- Understand and address requirements of community, e.g., coverage, format, metadata, access, doc
- Encourage cloud storage and services on CDRs
- Advocate coherence among CDRs (rain from clouds)
- Encourage Climate Information Records, e.g., climatologies, extremes, indicators

# Focus on coordination and sustainment

- Develop guidance on sustainment practices
- Support horizontal coordination among sponsoring agencies to provide virtual portfolio covering key ECVs
- Support vertical coordination among producers to derive SCOPE-compliant TCDRs from SCOPE-compliant FCDRs
- Develop store offering inventory and links to sustained CDRs

# Backups



# Initial Thoughts

- Clear successes evidenced through PI feedback
- Primary achievements
  - Building/supporting coalitions and collaborations
  - Fostering sharing and capacity-building
  - Championing best practices leading to sustainability through use of Maturity Matrix