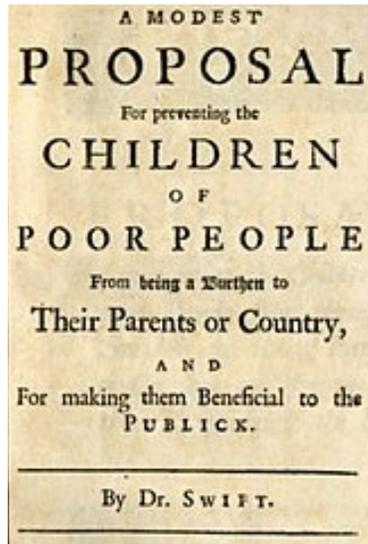




A Modest Proposal

to Assess the Adequacy of GEOSS Observations



As you will see, my proposal is **not** as far-reaching and **not** as noteworthy as "A Modest Proposal" published in 1729 by Jonathan Swift (1667-1745).

David Halpern

COSPAR Representative to GEO PB

Senior Research Scientist, NASA Jet Propulsion Laboratory,
California Institute of Technology

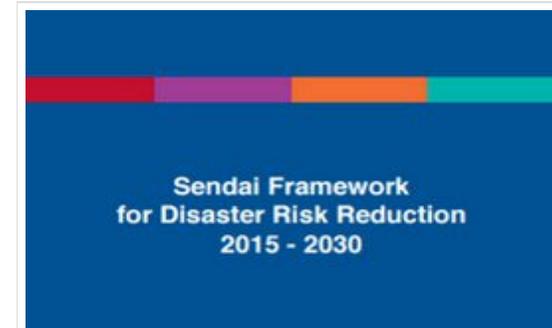


GEO Thematic Foundations

Components

Overarching

THE GLOBAL EARTH OBSERVATION SYSTEM OF SYSTEMS



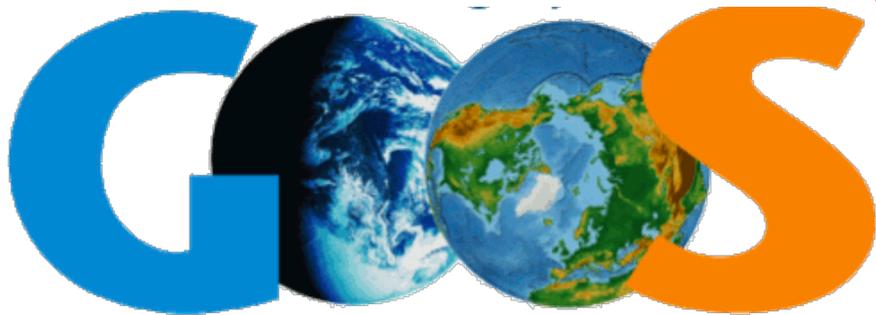


Earth Observing Systems: Many Programs, Each With Oversight

Disciplinary Programs



GAW



Integrated Systems

Paris Climate Agreement



PB Subgroup 1 identify relevant WP

Sendai Framework for Disaster Risk Reduction

DRR Observing System (?)



SDGs Observing Systems (?)

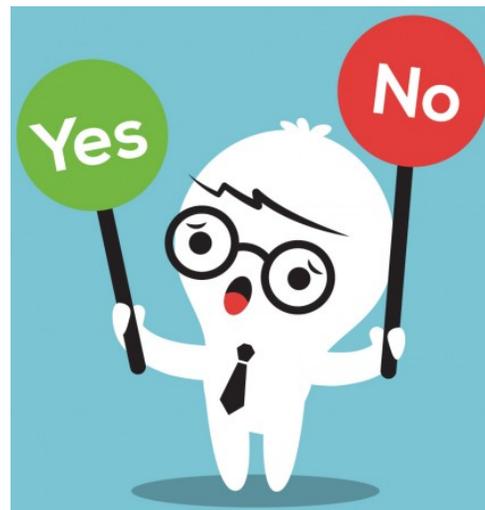


Are GEOSS Observations Adequate for GEO's Three Overarching Themes?

That is the important question.



➤ **Continue to next item on the agenda**



➤ **Continue the presentation**



• Vision



➤ Robust integrated in-situ and satellite observing systems coupled improve knowledge and predictability of global integrated Earth system for sustainable development and lead to enhanced socio-economic benefits

○ **WIGOS** for GEO Societal Benefit Area "Weather"



Opportunity

- **Goals**

- Define “robust observing system” for GEO’s Themes of Paris Climate Agreement, UN Sendai Disaster Risk Reduction, and UN Sustainable Development Goals
- Evaluate strengths and weaknesses of robust observing systems for GEO’s Themes over 2007-2016

- **Potential topics**

- Evaluate observation trends over 2007-2016
 - Analyze sustainability of observations
 - Determine adequacy of space-time characteristics to capture regional/local phenomena
 - Determine influence of observation gaps on analyses of past events and on predictive data products?



Next Steps

- **Establish Governance**
 - Appoint PB Subcommittee of representatives from PB, GEO Members and GEO Participating Organizations
 - Appoint co-chairs
 - Establish terms of reference, with timeline and work plan
- **Establish Actionable Activities for Subcommittee**
 - Define comprehensive methodology to determine 2007-2016 trend of global observation
- **Establish Deliverables**
 - Recommendations to ExCom/Plenary to improve the integrated global observing system





References for Images

Slide 1

- https://en.wikipedia.org/wiki/A_Modest_Proposal

Slide 2

- https://creativecommons.org/wp-content/uploads/2014/01/GEOSS_logo.jpg
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Slide 3

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Slide 4

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