



Committee on Earth Science and Applications from Space

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Two overarching challenges:

1. Current: Ensuring implementation of the 2017 Decadal Survey;
Future: Stewarding the next DS
2. Earth-to-Action strategy: It is needed and appropriate but not clear this can be implemented without significant negative impacts on the budget and therefore to ESD science

NASA ESD is struggling with solutions to multiple Decadal-related issues and wants community feedback with rapid turnaround regarding the acceptability of those solutions. They look to CESAS to represent the community with that feedback

What can be done? Implementation of the 2017 Decadal Survey

The NASA can-do attitude is good (doing the same with less), but has its limits. The community and project teams have the expertise to know these limits and will recognize when can-do is not enough.

ESD must be careful not to overpromise and underdeliver. The message should be “we did what was needed, and we worked hard to minimize the impact, but science was harmed.”

Communication with the Decadal Project teams is needed to buy into the changes, so they feel part of the decision-making process.

Avoid the “nothing has been lost” messaging when something has been lost.

What can be done? Earth-to-Action

Implementation Planning and Communication

ESD should identify and communicate expected impacts and potential mitigation strategies

Many important issues are not addressed in the strategy but could be explained in an implementation plan (e.g., international partner scope, role of private sector)

A clear delineation of how this does not conflict with (but rather complements) agencies such as NOAA, USGS, and EPA would help with interagency partnerships.

Possible Actions for CESAS:

- A monthly open meeting to raise concerns and discuss issues
- Feedback in a public setting (e.g., AGU Townhall)
- If requested by NASA:
 - Assist in the formation ad hoc committees that could, for example, organize a community workshop or Meeting of Experts
 - Short study report

CESAS, in our role as custodian of the Decadal, needs to understand the implications of today's issues for the next Decadal and be responsive to the community.

