

## **NASA and GTOS**

*Diane E. Wickland, U.S. National Aeronautics and Space Administration*

*Short summary:* NASA and GTOS have much in common – both entities focus on global observations. NASA’s mandate includes all of the Earth system (not just terrestrial) and the end-to-end research program to make use of the Earth observations. GTOS’s mandate includes all types of terrestrial observations (not just those from space). With appropriate understanding, there is probably more that NASA and GTOS could do to support the other’s goals and objectives. NASA’s research agenda focuses on Earth system science and global change and responds to U.S. priorities as established by the National Research Council of the U.S. National Academies of Science, Engineering, and Medicine, and the White House’s Office of Science and Technology Policy. Recommendations concerning the U.S. Global Change Research Program and from the recent Decadal Survey for Earth Science and Applications provide the current guidance for NASA. This talk summarizes those priorities. The CEOS Land Surface Imaging (LSI) Constellation is one example of a current research activity that contributes well to both NASA and GTOS priorities. A description of its activities and current status is provided.

*Future strategy/Recommendations (none)*

*Questions/guidance/feedbacks from the GTOS SC (none)*

*Proposed actions to be endorsed by GTOS SC (none)*