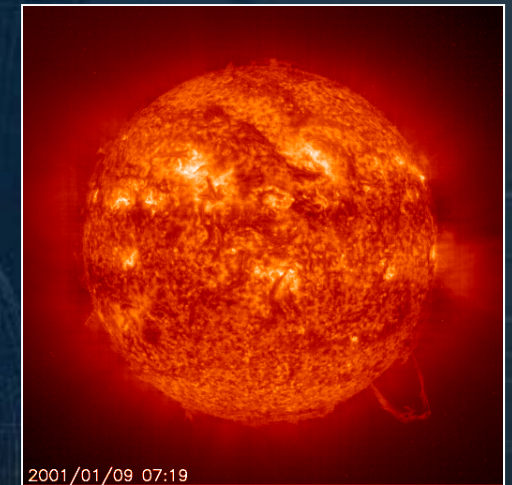


NSF's Role in Space Weather

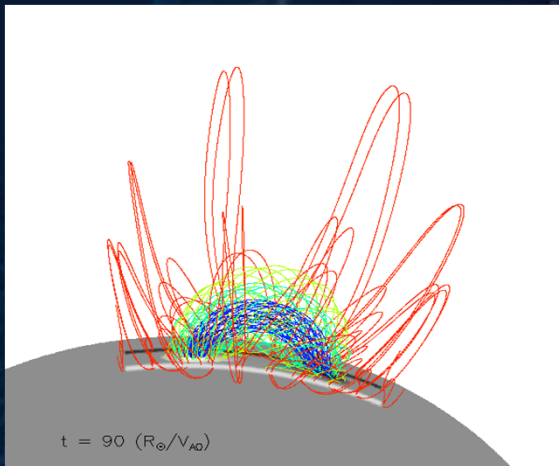
- NSF has played a pioneering role in developing the space weather enterprise.
- NSF is a lead contributor to providing fundamental understanding of the space weather system.
- NSF is uniquely positioned to respond quickly to new ideas, promote the education of the next generation, and facilitate interagency and international cooperation.



Advancing Fundamental Knowledge

Tackling the key science questions

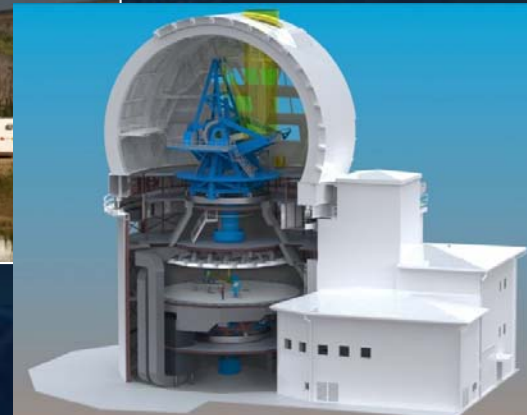
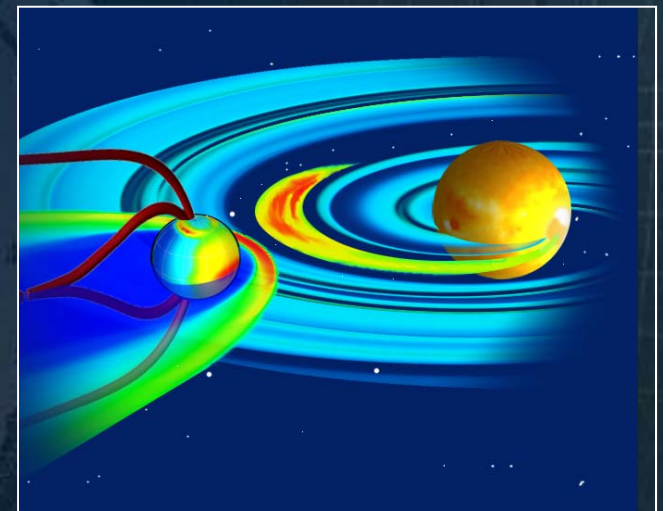
Understanding
processes



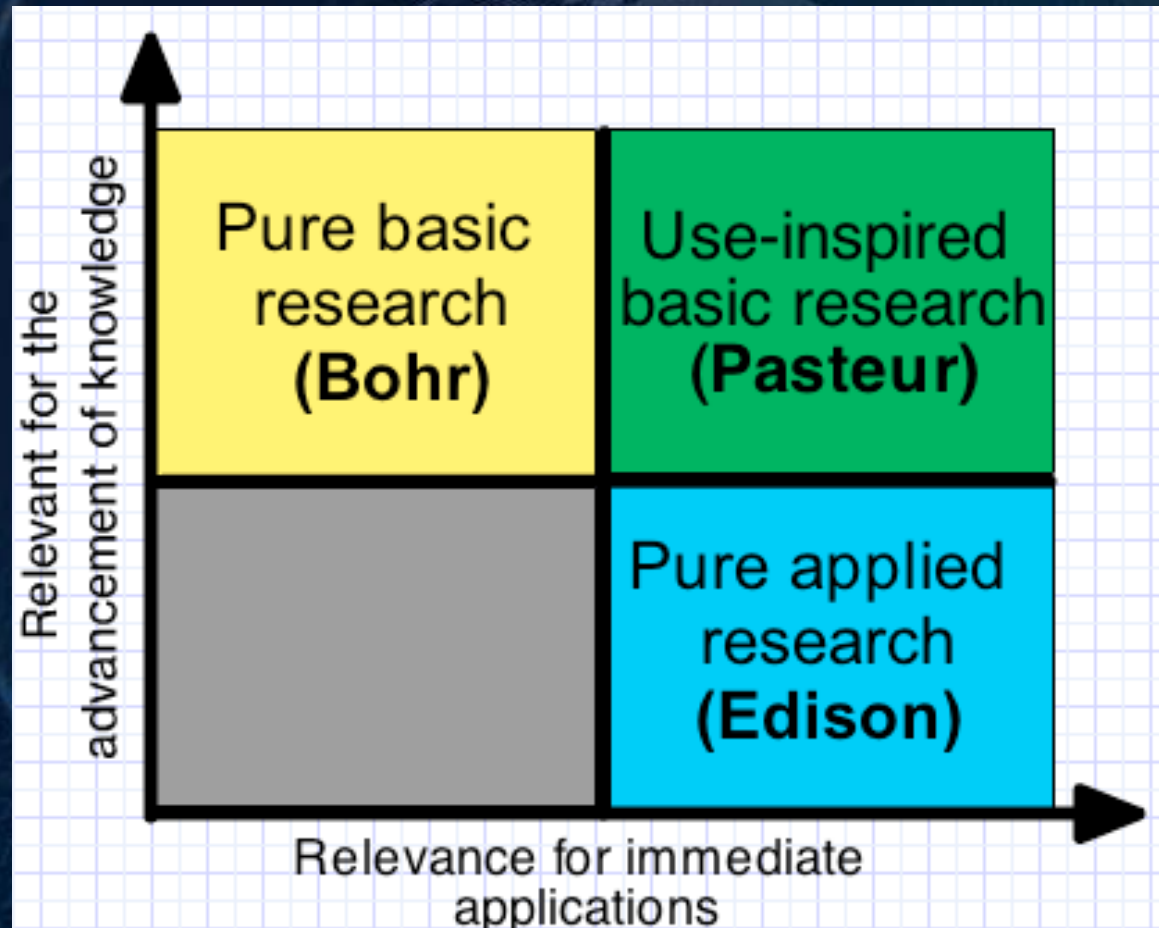
Better observations



Improved Sun to
Earth models

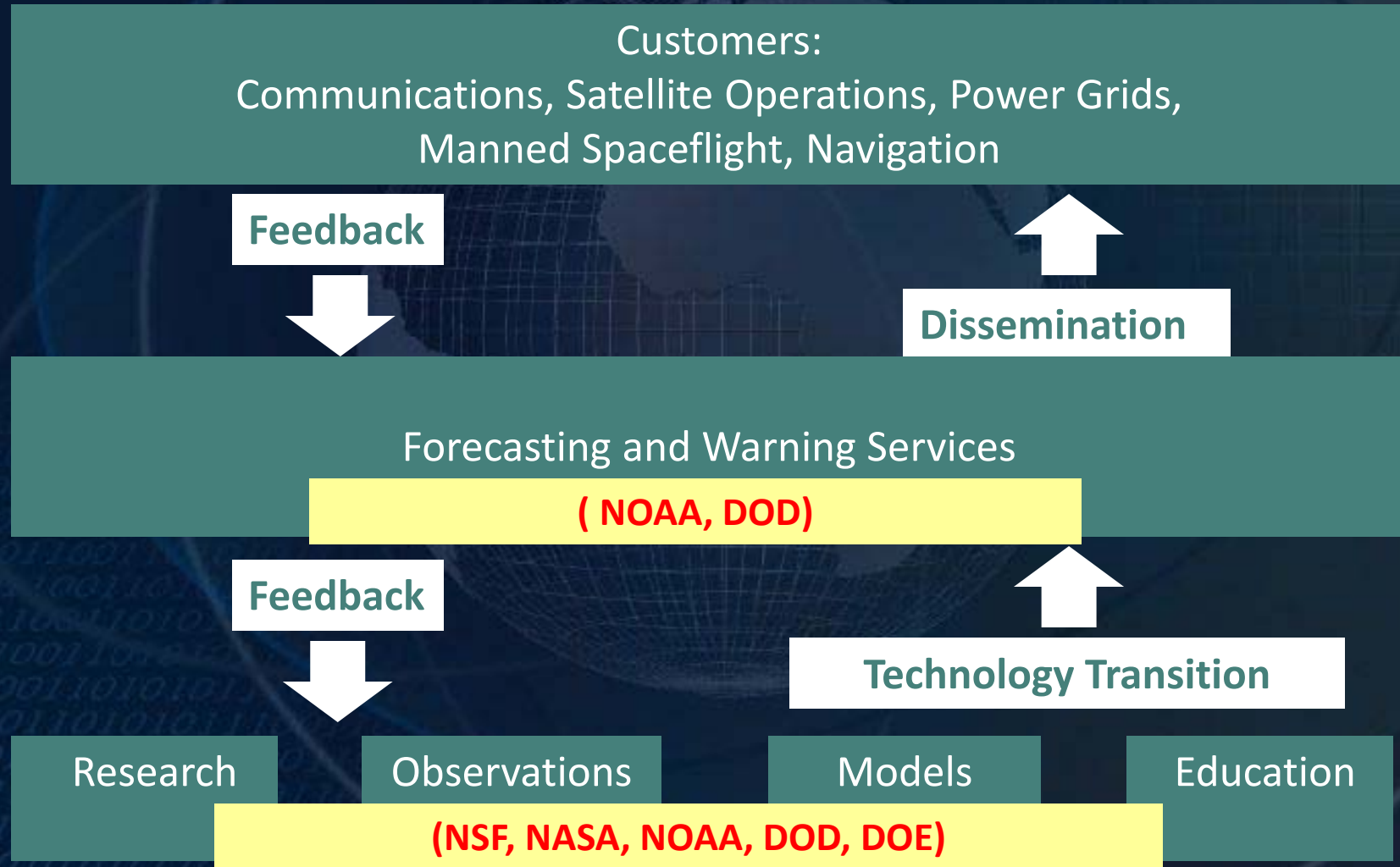


Space Weather Lives in Pasteur's Quadrant



From Pasteur's Quadrant: Basic Science and Technological Innovation
by Donald Stokes

The National Space Weather Program



Strengthening Space Weather Within NSF and Beyond

- Continue strong basic research programs
- Pursue collaborations with other NSF offices and directorates
- Take advantage of NSF cross-cutting programs
- Strengthen interagency partnerships
- Create better links with industry
- Expand and leverage international partnerships