

# ESTO Quality Objectives and Metrics

<b>Traceability to 2001 GSFC Strategic Plan</b>	<b>ESTO Quality Objectives</b>	<b>Metrics associated with each objective</b>
GSFC Goal 1, Strategy 1, Objectives 1 & 3.	1. Maintain a traceable link between science/applications objectives and technology.	1-1 Annual Update of the data/information residing in the Earth Science Technology Integrated Planning System (ESTIPS) by ESTO.
GSFC Goal 1. Strategy 1. Objectives 2 & 3.  GSFC Goal 3, Strategy 1, Objective 3.	2. Ensure overall program cost effectiveness through technology advances and applications	2-1 At least 25% of the funded development tasks advanced by at least one TRL annually. 2-2 Annually transfer at least one technology development to a commercial entity; infusion into a remote sensing or in situ mission; or infusion into ground information systems.
GSFC Goal 1, Strategy 1, Objective 1.  GSFC Goal 6. Strategy 3. Objective 3.	3. Ensure that the ESTO Program maintains an effective balance of investment in order to advance technology development.	3.1 Technology funding strategy that results in at least 25% of TRL-5/6 and no more than 20% TRL-1/2 annually. 3.2 Annual update of the Integrated Technology Development Plan by the ESTO.
GSFC Goal 1, Strategy 1, Objective 2.	4. Leverage technology investments through internal NASA program synergy and external partnerships.	4-1 Annually establish at least one joint agreement with a program external to NASA, or with another NASA program, that results in the inclusion of at least one ESE requirement.