



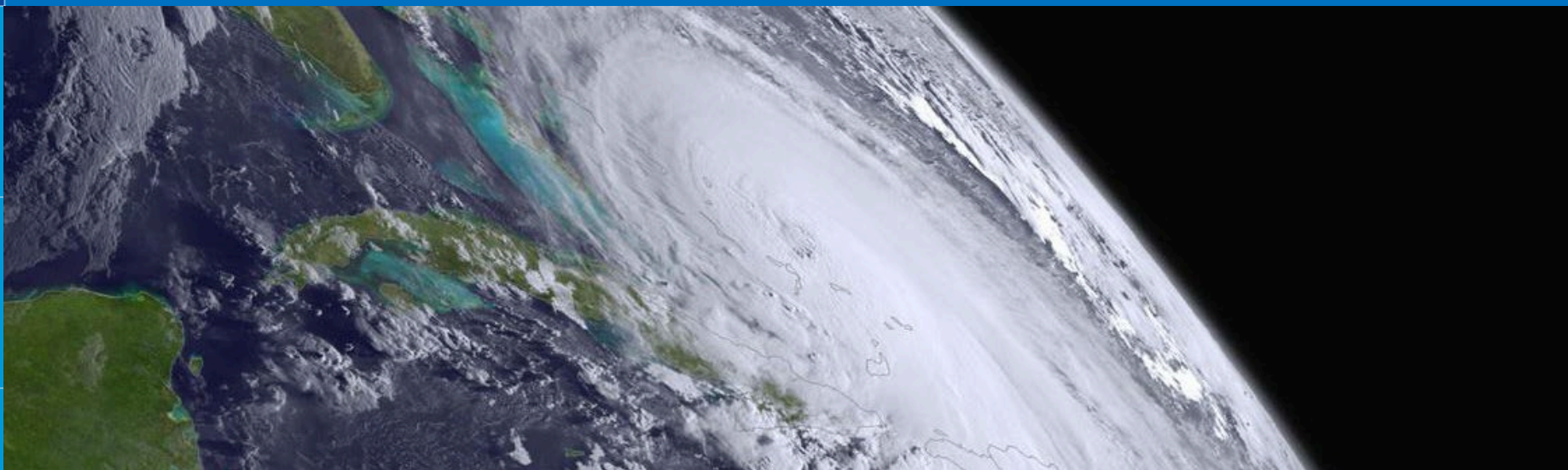
NOAA

Satellite and
Information
Service

Nov. 5, 2019



NOAA Agency Report



Next steps

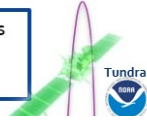
Perhaps the greatest change comes from new commercial entrants who play an increasingly part

Example Hybrid Architecture

GEO is mixed US Gov. satellites and hosted payloads
Partially disaggregated LEO systems
Mixed resolution payloads, update rates



New Commercial entrants playing



Comprehensive space weather



Pre-Phase A Broad Agency Announcements

- **Planning for 2 future satellite programs in future constellation**
 - GEO-XO - Phase A: FY21
 - LEO Sounders – Phase A: FY22
- **Engage Industry to refine program definition**
 - Instrument Concepts
 - Architecture Concepts
- **Wide performance range across various observation types to solicit all available instrument concepts**
- **Ask questions related to either instrument or architecture implementation opportunities, e.g.,**
 - Hosting, leasing
 - Commercial Services
 - Ride Shares
- **The BAA allows NESDIS to fund multiple study efforts – compete ideas**