Resource list supplement to NOAA Office of Ocean Exploration and Research NSTA presentation

*The Technology of Ocean Exploration: Advancing ocean discovery with robots, lasers, sonar, 3D printers ... other cool gadgets*

**Videos**

- Why Do We Explore, 2020
  

- Engineering for Discovery
  

- ROV Two-Body System with Todd Gregory | Nautilus Live
  
  [https://www.youtube.com/watch?v=jsVk5nv-4JM&feature=youtu.be](https://www.youtube.com/watch?v=jsVk5nv-4JM&feature=youtu.be)

- RAD Sampler: Rotary-actuated device for investigating delicate marine organisms
  
  [https://www.youtube.com/watch?v=AKTPBWxHhU](https://www.youtube.com/watch?v=AKTPBWxHhU)

- Bathymetry animation
  
  [https://oceanexplorer.noaa.gov/oceanexplorer/media/movies/ex_podcast_video.html](https://oceanexplorer.noaa.gov/oceanexplorer/media/movies/ex_podcast_video.html)

**Essays**

- Technology Demonstration Mission Logs
  

- Soft Robotics
  

- Synthetic Aperture Sonar
  

**Images**

- OER Image Gallery
  
  [https://oceanexplorer.noaa.gov/image-gallery/welcome.html](https://oceanexplorer.noaa.gov/image-gallery/welcome.html)

- Exploration Tools
  
  [https://oceanexplorer.noaa.gov/technology/technology.html](https://oceanexplorer.noaa.gov/technology/technology.html)

- ROV Sampling Techniques
  

**Education Resources**

- NOAA OER:
  
  [https://oceanexplorer.noaa.gov/edu/welcome.html](https://oceanexplorer.noaa.gov/edu/welcome.html); [https://oceanexplorer.noaa.gov/oceanexplorer/edu/collection/exploringdeepocean.html](https://oceanexplorer.noaa.gov/oceanexplorer/edu/collection/exploringdeepocean.html)

- Ocean Exploration Trust:
  
  [https://nautiluslive.org/education/resources](https://nautiluslive.org/education/resources)

**Careers and Opportunities:**

- [https://oceanexplorer.noaa.gov/edu/careers.html](https://oceanexplorer.noaa.gov/edu/careers.html); [https://nautiluslive.org/join/science-communication-fellowship](https://nautiluslive.org/join/science-communication-fellowship)

- OER educator listserv/newsletter: [https://oceanexplorer.noaa.gov/backmatter/email_update.html](https://oceanexplorer.noaa.gov/backmatter/email_update.html)