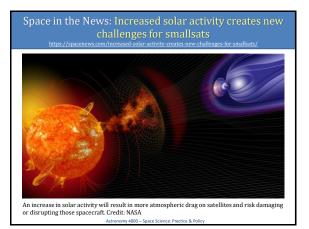


ASTR 4800 - Space Science: Practice & Policy Homework for Next Class

- Next class: Science Policy in the 21st Century.
 Read Chapters 3, 6-10, in <u>Beyond Sputnik.</u>
- Sign-up for class PowerPoint presentations or participating in debates.
- Sign-up for "Space in the News".
- Class notes are on class website (<u>http://lunar.colorado.edu/~jaburns/astr4800</u>).

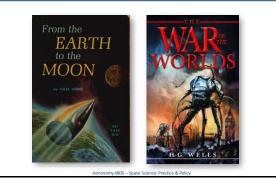


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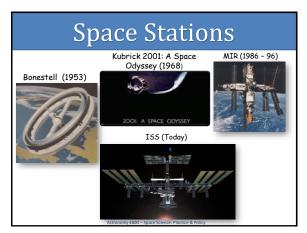


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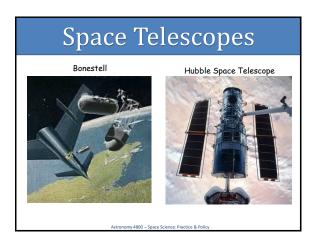


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Destination Moon (1950)





War of the Worlds (1953)

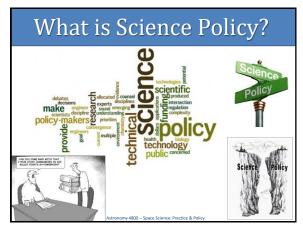


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9

7



10

Definition of Public Policy

- It's the processes & players involved in making governmental decisions.
- *Public Policy* is outcome produced when public officials arrive at some decision regarding the best course of action for addressing issue of public concern
 - Example: Should the Space Shuttle be replaced with a new spacecraft from a private contractor (e.g., the Starliner crew transport by Boeing)?
- *Policy* is process & product.





Who should set Science Policy?

- Who knows best? Scientists or Politicians?
- Prior to WWII, there was no well-defined U.S. science policy. The war (e.g., Manhattan Project) led to recognition of funding basic/fundamental science.
- This has led to a tension between science & policy-making => conflict between science & democracy.
- How do we decide the scope of national investments in research?

