

What Place for the People? The Role of the Public and NGOs in Space Governance

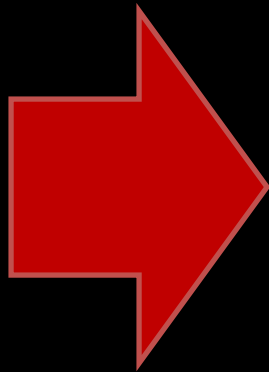
Amy Kaminski
ESPI Autumn Conference
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Who is “the public?”
Who constitutes NGOs?

“Consumer-product” public engagement model

Decision makers

- National space agencies
- International governing bodies (UN)
- Aerospace firms
- Scientific advisory committees



Beneficiaries/recipients of information



Challenges to the space program

Reflective of
social diversity?



Do scientific experts
have all the answers?

What benefits
for society?

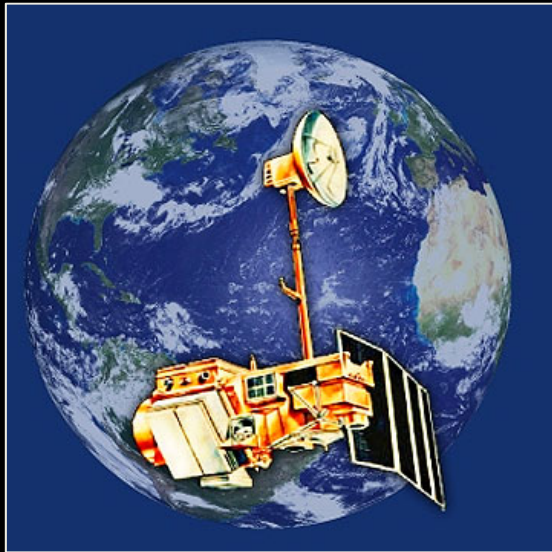


What to do
after
reaching the
Moon?

Responding to public values

~ A new take on societal relevance ~

Emphasis on
Earth
observations



Space Shuttle
as “space truck”



Focus on
space
“spinoffs”



New roles for
astronauts



Responding to public values

~ New participants ~



- Demographic diversity
- International partners
- Corporate payload specialists
- Student researchers
- New media and education partnerships
- “Ordinary” citizens flying in space and launching payloads

An increasing participatory ethos ...in the world at large...



...and among space enthusiasts



Participatory engagement at NASA



“From the Centennial Challenges Program, to the NASA Open Innovation Pavilion, to the NASA Tournament Lab, NASA leads the public sector in the breadth and depth of experience and experimentation with prizes and challenges.”

-- White House Office of Science and
Technology Policy Report to Congress on
Government Prize Use, 2012

Promoting interaction and awareness



Engaging the worldwide public in solving tough problems

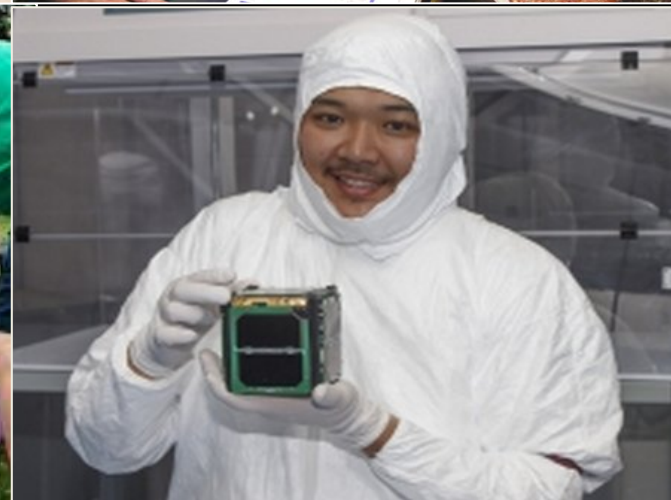
International Space Apps Challenge



Mars Student Imaging Project



Sample Return Robot Challenge



Cubesat Projects

Shaping the future of space programmatics and policy...

