



SBAG Goals Document & Technology Roadmap

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Why?

- Goals documents are valuable resources for NASA that summarize the highest priority items as identified by the community of experts.
- Such documents produced by other NASA Assessment/Analysis Groups have proven to be worthwhile.

Discussions at SBAG 12 supported this effort as valuable.

Two documents are being produced:

- SBAG Goals Document: structured to have 3 high-level goals: I – Science, II – Planetary Defense, III – Human Exploration
- SBAG Technology Roadmap: outlines high-priority technology needs that support any/all SBAG goals



SBAG Goals Document & Technology Roadmap Schedule

SBAG 12: Jan., 2015	Kick-off of effort; presentation to community at SBAG 12
Jan. –March, 2015	Leads identify structure of sections. Goal committees established to enable community-wide contributions.
April - June, 2015	Draft goals sections and technology roadmap developed
SBAG 13: June, 2015	Presentations at SBAG 13 meeting from each lead on status – community discussion and share drafts
July – Sept., 2015	Community comment period. Comments due to leads by Sept. 19.
Oct – Nov., 2015	Leads revise sections, working with goal committees and SBAG SC; compile; draft executive summary.
December, 2015	Distribute to SBAG community by posting finalized draft to website, sending email to listserv. Solicit community comments.
SBAG 14: Jan., 2016	Discussion of Goals Document, Technology Roadmap at SBAG 14 meeting. Solicit comments and feedback.
February, 2016	Incorporate community input, feedback. Finalize all documents. Post finalized SBAG documents to website.



SBAG Goals Committees and Draft Documents:

<http://www.lpi.usra.edu/sbag/goals/>

Thank you to all the committee members for your contributions!

Goal 1: Science (PDF)

Lead: Tim Swindle (Univ. Arizona)
Kieran Carroll (Gedex)
Julie Castillo-Rogez (JPL)
Will Grundy (Lowell Observatory)
Emily Kramer (JPL)
Joe Nuth (NASA Goddard)
Carol Raymond (JPL)
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Goal 2: Planetary Defense (PDF)

Lead: Tommy Grav (PSI)
James Arnold (NASA Ames)
Brent Barbee (NASA GSFC)
Steve Chesley (JPL)
Leviticus A. Lewis (FEMA)
Paul Miller (LLNL)
Angela Stickle (APL)
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Goal 3: Human Exploration (PDF)

Lead: Paul Abell (NASA JSC)
Brent Barbee (NASA GSFC)
Josh Hopkins (Lockheed Martin)
Sam Lawrence (ASU)
Stan Love (NASA JSC)
Carrie Nugent (IPAC)
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Guiding principles for the new SBAG Goals Document

- 1) The SBAG Goals Document must be sustainable. It needs to be easily updated on a ~yearly basis, to always be up to date and reflect the SBAG community.
- 2) The SBAG Goals Document should be impactful. The community is being asked to contribute to this document, so it has to be more than a waste of everyone's time. Being impactful may mean that the document must be of a manageable length, with high-level objectives that are easily communicated.