

NASA LPAG Call for Community Input to New Strategic Science Area:
Solar Impacts on Climate

Dear Heliophysics Community,

The NASA Living with a Star Program Analysis Group (LPAG) serves as a community-based interdisciplinary forum for soliciting and coordinating community analysis and input for Living with a Star objectives and of their implications for architecture planning and activity prioritization and for future exploration. This year, the LPAG Executive Committee is focusing on a re-examination of the Strategic Science Areas (SSAs), developed in 2014 as long-term targeted areas of system science to guide LWS activities (see https://lwstrt.gsfc.nasa.gov/images/pdf/LWS_10YrVision_Oct2015_Final.pdf). The Executive Committee met in April to reexamine these SSAs, keeping in mind the overall Living with a Star goals, the ways in which these SSAs are now used by the community to develop new Focused Science Topics, and the ways in which the LWS program can complement the Space Weather Action Plan and NASA's new Space Weather Science and Applications (SWxSA) program.

Based on these discussions, the LPAG Executive Committee expanded, refocused, and reordered the SSAs into nine draft SSAs. These draft SSAs were released to the community for feedback this past summer. The draft SSAs and the community feedback are available for viewing at <https://lwstrt.gsfc.nasa.gov/lpag>. The Executive Committee then met in July of 2019 to incorporate this feedback into the draft SSAs.

In response to community feedback, the Executive Committee undertook the project of incorporating what was formerly known as the LWS Sun-Climate theme into a new draft SSA, "SSA IX: Solar Impacts on Climate". The Executive Committee is now soliciting community input on this new draft SSA. The draft will be posted on our website in the next few days, and will be available for community comment through November 15, 2019 at <https://lwstrt.gsfc.nasa.gov/lpag>.

After this comment period closes, the committee will review the community feedback on this SSA, will incorporate this feedback into the SSA, and will include this SSA with the other nine draft SSAs in our annual report to NASA Headquarters.

Note: with "Solar Impacts on Climate" now being assigned SSA number IX, the draft SSA released this summer as "Stellar Impacts on Planetary Habitability" will now be assigned SSA number X.

We look forward to your feedback on this draft SSA.

Sincerely,
Mark Linton & Anthea Coster (co-chairs)
On behalf of the Living with a Star Program Analysis Group Executive Committee