

CEDAR Town Hall:
Decadal Survey and the
Future of CEDAR
Instrumentation

Conveners:

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Overarching objective:

- Produce actionable recommendations for the Decadal Survey ...this means white papers
- Information about the Decadal Survey Process:
<https://www.nationalacademies.org/our-work/decadal-survey-for-solar-and-space-physics-heliophysics-2024-2033>
- Working list of Decadal white papers relevant to ground-based instrumentation and infrastructure:
https://docs.google.com/spreadsheets/d/1mn-RMMIorf-8fO0Vt-Mw1g4CC0o_RzKfBOoijgRSP_w/edit#gid=682793754

NSF infrastructure programs:

- [DASI \(2019 solicitation\)](#) <\$2M
 - [MRI](#) (Major Research Instrumentation) <\$4M
 - [Midscale RI-1](#) \$6M –\$20M
 - [Midscale RI-2](#) \$20M –\$100M
 - [MREFC](#) >\$100M
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- Challenge: Can our community converge on a small number of prioritized recommendations?
 - Look for community convergence (CEDAR-CEDAR-X)
X = Atmosphere, Earth science, Ocean Science, Polar Programs, NASA Heliophysics, Earth Observing, NOAA, DoD

Infrastructure Categories

1. **Large monolithic facility** centered around one or two major instruments (e.g., geospace radar, whole atmosphere LIDAR)
2. **Distributed facility** (e.g., interhemispheric chain of geospace observatories)
3. **Cubesat constellations/networks** (in partnership with NASA)
4. **None of the above.**

[Link to working list of Decadal white papers relevant to ground-based instrumentation and infrastructure](https://docs.google.com/spreadsheets/d/1mn-RMMlorf-8f00Vt-Mw1g4CC0o_RzKfBOoiigRSP_w/edit#gid=682793754)

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