

California GIS Council Workgroup Report

<p>Workgroup: State Plane Coordinate System Workgroup page*: Workgroup Chair: Nathaniel Roth</p>	<p>Report Date: March 10, 2022</p>
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*See the workgroup page for workgroup charter, members, contact information, and prior reports.

Requests for Council Action

No concrete action.

Status Update

- **Highly Recommended Viewing:** NGS Webinar on 12/9 11am on the 2022 SPCS: https://geodesy.noaa.gov/web/science_edu/webinar_series/state-plane-december-2021.shtml
- Updated preliminary State Plane Zones and distortion comparisons to the NAD83 based zones.
- Official implementation of the SPCS 2022 will be delayed. Likely to 2025, but consistent with precedent will continue to be referred to with the year 2022. Projection specifications will be expected to be released this year, but will lack the underlying reference frames. They could be applied using NAD83, but will be unsupported by NGS.
- The default option for the statewide zones, using population weighted parameters to reduce distortion in areas with greater population appears to be preferred option in California (no action needed).

Legislative/Policy Update

None

Next Actions & Key dates

List next actions and key dates

Action	Key Date
Next workgroup meeting	TBD

Documents and Attachments

NGS SPCS: <https://www.ngs.noaa.gov/SPCS/index.shtml>

NGS SPCS 2021 webinar recordings:

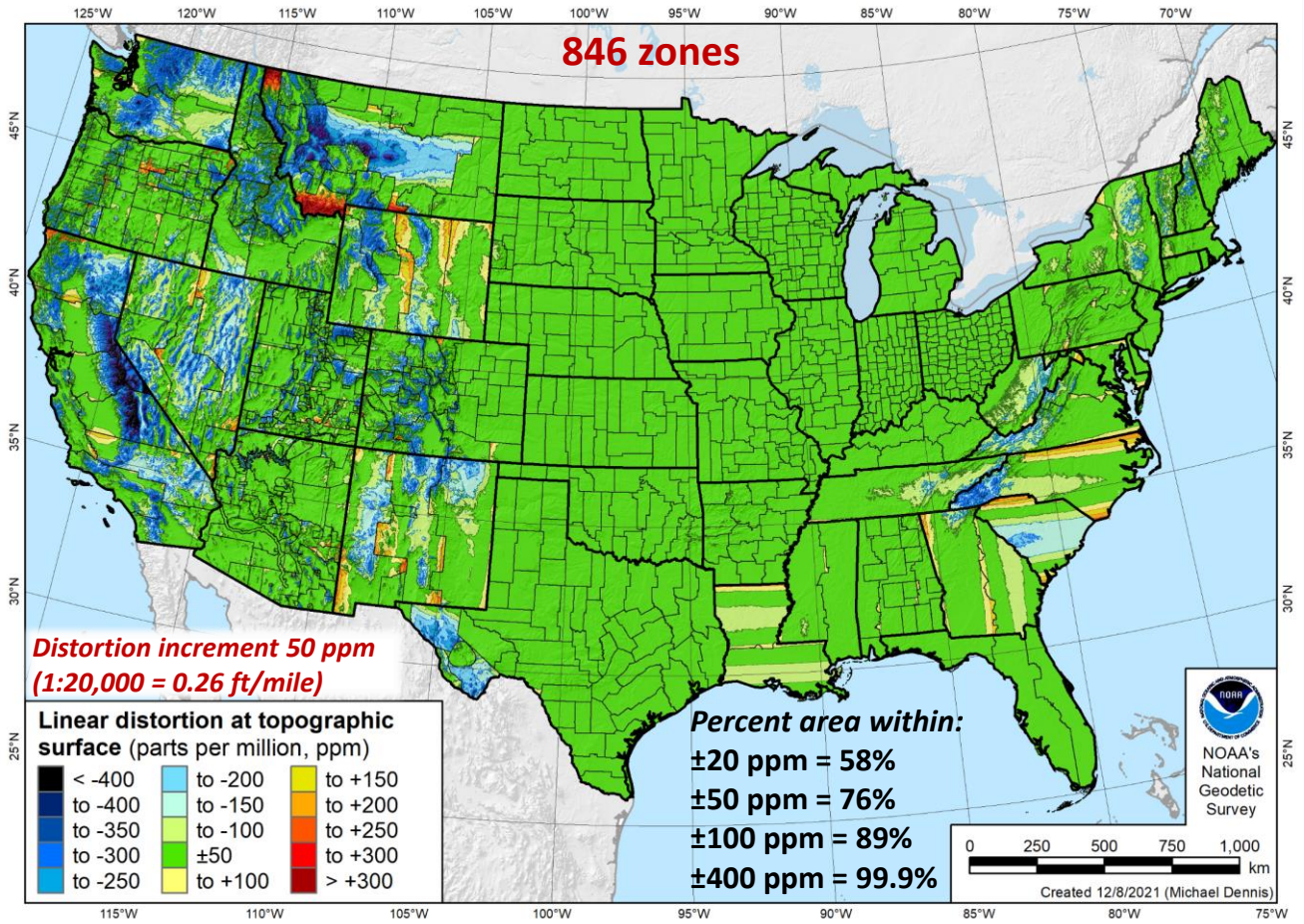
- https://geodesy.noaa.gov/web/science_edu/webinar_series/2021-webinars.shtml

Specific attention to the webinars from July 25, 2019, October 10, 2019, March 12, 2020, June 11, 2020, March 11, 2021, July 15, 2021, December 9, 2021

Notes

None

Preliminary SPCS2022 complete and partial coverage designs (CONUS)



Existing SPCS83 zone designs (CONUS), with 2-zone layer for Kentucky

