



California GIS Council Workgroup Report

Workgroup: State Plane Coordinate System Workgroup page*: Workgroup Chair: Nathaniel Roth	Report Date: September 8, 2022
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*See the workgroup page for workgroup charter, members, contact information, and prior reports.

Requests for Council Action

No concrete action. No significant updates. CA draft maps are unchanged from 5/2021.

Recommend transitioning the role of this workgroup to educational and implementation.

Status Update

- Update on Progress webinar “It’s 2022 – Are you Done Yet”, 6/9/2022:
https://geodesy.noaa.gov/web/science_edu/webinar_series/2022-are-you-done-yet.shtml
- **Highly Recommended Viewing:** NGS Webinar on 12/9 on the 2022 SPCS:
https://geodesy.noaa.gov/web/science_edu/webinar_series/state-plane-december-2021.shtml
- 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).
- GRAV-D collection for California
- Stakeholder design review expected for completion in September. Low Distortion projections cover portions of California including portions of the lower Colorado River, Los Angeles County, and SF Bay Area.
- Complete preliminary designs are expected for delivery by end of 2022
- Target to finalize and distribute all zone definitions early to mid-2023
- Planning for the release of all data and tools by middle of 2025

Legislative/Policy Update

None

Next Actions & Key dates

List next actions and key dates

Action	Key Date
Next workgroup meeting	TBD

Documents and Attachments

NSRS Modernization News: <https://geodesy.noaa.gov/datums/newdatums/TrackOurProgress.shtml>

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

NGS SPCS webinar recordings:

- https://geodesy.noaa.gov/web/science_edu/webinar_series/2022-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, June 9, 2022,

Notes

None