

**OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD
ADVISORY COMMITTEE MEETING**

Autonomous Agricultural Tractors Advisory Committee Meeting

Documents, Comment Letters and Emails Shared with Committee Members

Provided for the May 8 & 9, 2025 Meeting

1. Farzaneh Khorsandi, Kent E. Pinkerton, Minyoung Hong. Perspective: Closing the Regulatory Gap: Addressing Challenges for Autonomous Agricultural Equipment in California. Journal of Agricultural Safety and Health. 30(4): 155-161. (doi: 10.13031/jash.16112)
@2024. <https://elibrary.asabe.org/abstract.asp?aid=55088>.
2. Shutske, J. M., Issa, S. F., Johnson, T., Khorsandi, F., Pate, M. L., Gorucu, S., Walsh, J., Yoder, A. M., Dukes, E., Aby, G. R., & Versweyveld, J. (2025). SAFER AG – Risk assessment, data, design standards, and regulation: Needs and recommendations. J. Agric. Saf. Health, 31(1), 1-13.
<https://experts.illinois.edu/en/publications/safer-ag-risk-assessment-data-design-standards-and-regulation-nee>.
3. John M. Shutske, Kelly J. Sandner, Zachary Jamieson. Risk Assessment Methods for Autonomous Agricultural Machines: A Review of Current Practices and Future Needs. Applied Engineering in Agriculture. Vol. 39(1): 109-120 © 2023 American Society of Agricultural and Biological Engineers ISSN 0883-8542.
<https://elibrary.asabe.org/abstract.asp?aid=53909>
4. Kelly Sandner, John Shutske, and Luke Powers. Categorization and Analysis of Past Farm Fatality Incidents to Inform Autonomous Machine Design and Risk Analysis. American Society of Agricultural and Biological Engineers (ASABE). Written for presentation at the 2021 Annual International ASABE July 12–16, 2021 Virtual Meeting. [Categorization and Analysis of Past Farm Fatality Incidents to Inform Autonomous Machine Design and Risk Analysis](#)
5. 2021, CODE OF PRACTICE Agricultural Mobile Field Machinery with Autonomous Functions in Australia, 40 pp. ISBN: 978-0-646-83727-7
https://www.grainproducers.com.au/files/ugd/cce1a6_7291560d4c624980bb5ebf119560342b.pdf.
6. Ben Tulchin, Corey O'Neil, Corey Teter and Kelsey Bullis; Tulchin Research Memo – California Statewide Poll Results. January 28, 2025. Polling Shows Strong Majority of Californians Back Action to Rein in Big Tech and Protect Jobs

from A.I. and Automation. [California-Statewide-Poll-on-AI-and-Self-driving-Vehicles-01-25-Final.pdf](#)

7. Various emails and letters submitted by interested parties.

Provided for the August 6 & 7, 2025 Meeting

8. Guy R. Aby, and Salah F. Issa. 2023. "Safety of Automated Agricultural Machineries: A Systematic Literature Review" *Safety* 9, no. 1: 13. <https://doi.org/10.3390/safety9010013>
9. Aby, Guy R. "Exploring the Current Methods Used to Improve the Safety of Autonomous Agricultural Machines and Evaluating the Effectiveness and Applicability of a More Quantitative Risk Assessment Method." Illinois Digital Environment for Access to Learning and Scholarship (IDEALS), August 1, 2024. <https://www.ideals.illinois.edu/items/132669>.
10. Jennifer Lincoln, Serap Groucu, Farzaneh Khorsandi, Guy R. Aby, KC Elliott, John Shutske, Salah F. Issa. (n.d.). Occupational Safety Research Needs in the Field of Robotics and Autonomous Machines in Agriculture. *Journal of Agricultural Safety and Health*. <https://doi.org/10.13031/jash.16216>
11. "Teens in Phoenix Get Access to Driverless Waymo Rides." NBC NEWS. July 18, 2025. Video, <https://www.nbcnews.com/nightly-news/video/teens-in-phoenix-get-access-to-driverless-waymo-rides-243493445898>.
12. "AI Meets Agriculture with New Farm Machines to Kill Weeds and Harvest Crops." NBC NEWS. June 7, 2023. Video, <https://www.nbcnews.com/nightly-news/video/ai-meets-agriculture-with-new-farm-machines-to-kill-weeds-and-harvest-crops-180937797700>.
13. "AI Meets Agriculture with New Farm Machines to Kill Weeds and Harvest Crops." John Deere / YouTube. January 6, 2025. Video, <https://www.youtube.com/watch?v=HDzIPrRBKU>.