

## RESOLUTION TO DECLARE A CLIMATE EMERGENCY

SIERRA CLUB SONOMA GROUP (of the REDWOOD CHAPTER)

WHEREAS, according to the October 2018 Intergovernmental Panel on Climate Change (IPCC) report, human emission of greenhouse gases and other climate pollutants, if unchecked, is likely to induce global warming of 1.5°C (2.7°F) above normal by between 2030 and 2052, and increase the intensity and frequency of extreme weather events (e.g., heat, drought, heavy precipitation) and wildfires;<sup>1</sup>

WHEREAS, in 2019 more than 13,500 scientist signatories from around the world, clearly and unequivocally declared that planet Earth is facing a climate emergency and the climate crisis is more severe than previously predicted, with rapid climate change threatening natural ecosystems, biodiversity, food production, human health, economic stability, and global security;<sup>2,3</sup>

WHEREAS, more than half of known global climate system tipping points (e.g., irreversible ice loss, permafrost thawing, and deforestation) may already be activated, are impactful and interconnected across different biophysical systems, and potentially commit the world to long-term irreversible changes;<sup>4</sup>

WHEREAS, the impacts of climate change will be experienced unequally, with developing countries, people of color, and disadvantaged communities impacted first and worst, and with such countries and communities having fewer resources to adapt effectively to increased heat;<sup>5,6</sup>

WHEREAS, Sierra Club Executive Director Michael Brune commented regarding the 2018 IPCC Special Report, “Humanity cannot afford to sleep through the blaring alarm of this wake-up call, making it clear that the catastrophic effects of climate change like famine and droughts could shape the world for those of us alive today and for generations to come if we do not act immediately;” and

WHEREAS, Sierra Club California passed a resolution in February of 2019 calling on all local Chapters and Groups to mobilize, expand, and accelerate local and regional support for implementation of

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<sup>1</sup> Valerie Masson-Delmotte et al. “IPCC, 2018: Summary for Policymakers.” *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty.* Geneva. (October 2018).

<https://www.ipcc.ch/sr15/chapter/spm>

<sup>2</sup> William J. Ripple et al. "World Scientists' Warning of a Climate Emergency." *BioScience* 70, no. 1 (January 2020): 8-12. <https://doi.org/10.1093/biosci/biz088> and <https://scientistswarning.forestry.oregonstate.edu/>

<sup>3</sup> Emilio Granados Franco et al. “The Global Risks Report 2020.” *World Economic Forum.* (January 2020). [http://www3.weforum.org/docs/WEF\\_Global\\_Risk\\_Report\\_2020.pdf](http://www3.weforum.org/docs/WEF_Global_Risk_Report_2020.pdf)

<sup>4</sup> Timothy M. Lenton et al. "Climate tipping points—too risky to bet against." *Nature Publishing Group* 575. (November 2019): 592-595. <https://www.nature.com/articles/d41586-019-03595-0>

<sup>5</sup> Tord Kjellstrom, et al. “Working on a Warmer Planet: The Impact of Heat Stress on Labour Productivity and Decent Work.” *Publications Production Unit, International Labour Organization, Geneva.* (July 2019). [https://www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/---publ/documents/publication/wcms\\_711919.pdf](https://www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/---publ/documents/publication/wcms_711919.pdf)

<sup>6</sup> Jonathan Woetzel, et al. "Climate risk and response: Physical hazards and socioeconomic impacts." *McKinsey Global Institute.* (January 2020). <https://www.mckinsey.com/business-functions/sustainability/our-insights/climate-risk-and-response-physical-hazards-and-socioeconomic-impacts>

comprehensive, immediate, and sustained actions to achieve net zero emissions in all California jurisdictions by the earliest possible date <sup>7</sup>, and

WHEREAS, Sierra Club Sonoma Group and our local allies helped to draft and adopt local Climate Emergency Resolutions passed by the cities of Petaluma, Windsor, Cloverdale, Santa Rosa, Healdsburg, Sebastopol, Sonoma, and the Regional Climate Protection Authority, and County of Sonoma, and

WHEREAS, the Sierra Club's new climate policy acknowledges that despite efforts to prevent a climate crisis, governments, businesses, civil society, and residents continue to increase their global greenhouse gas emissions while allowing natural carbon sinks such as forests and wetlands to become degraded and destroyed, and therefore that to achieve the Sierra Club's new target of less than 1.0°C (1.8°F) global warming we must *redouble and accelerate* emissions reduction *while also removing* carbon dioxide from the atmosphere through proven and scalable nature-based solutions, recognizing that these approaches are complementary and compulsory.<sup>8</sup>

**NOW, THEREFORE BE IT RESOLVED**, the Sierra Club Sonoma Group

declares that there exists a climate emergency that threatens human populations and economies, biodiversity, and natural habitats in our city, state, nation, and planet;

recognizes that this resolution can catalyze adoption of other resolutions to drive emergency climate actions at local, state, national, and international levels;

calls on local governments, businesses, civil society, and residents to reduce greenhouse gas emissions as quickly as possible, and simultaneously protect local and regional habitats that provide verifiable and persistent nature-based carbon sequestration;

will work in partnership with communities experiencing systemic racism, disproportionate climate impacts, and other inequities to achieve essential environmental justice goals;

will encourage its members to recognize our climate crisis and engage with other activists in coalition to call for local, regional, and national action to address our climate emergency; and

will commit to analyze emissions arising from or associated with our Chapter and Group operations and within 120 days issue a report with recommendations on how to reduce these emissions for Executive Committee consideration.

Approved by the Executive Committee of the Sierra Club Sonoma Group

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<sup>7</sup> Sierra Club California Energy-Climate Committee (February 19, 2019) Declaration of Climate Emergency <https://www.sierraclub.org/california/cnrcc/ecc-support-climate-emergency-actions>

<sup>8</sup> Sierra Club Board of Directors. "Climate Resilience, Carbon Dioxide Removal, and Geoengineering Policy." (March 2020). <https://www.sierraclub.org/sites/www.sierraclub.org/files/2020-Sierra-Club-Climate-Resilience-Policy.pdf>

on \_\_\_\_\_ (Date: MMMMM DD, 2020).