LANDSCAPE ARCHITECTURE 2040

CLIMATE & BIODIVERSITY ACTION PLAN

EXECUTIVE SUMMARY

FOR ASLA AND ASLA CHAPTERS

2026–2030

American Society of Landscape Architects

ASLA Fund

Our Vision for 2040 -
All landscape architecture projects will:

- Achieve zero greenhouse gas emissions and double carbon sequestration from business as usual.
- Protect, conserve, restore, enhance, and manage biodiversity
- Provide significant economic benefits in the form of measurable ecosystem services, cobenefits, and livelihoods.
- Address climate and biodiversity injustices, amplify the power of communities, and increase the equitable distribution of climate and biodiversity investments.

To continue our work to achieve this vision, we have significantly updated our first plan — the ASLA Climate Action Plan — and its companion Field Guide to Climate Action for ASLA Members, which guided our efforts from 2022-2025.

The new, updated plan — **Landscape Architecture 2040: Climate & Biodiversity Action Plan** — builds on our progress and guides our profession into the future. It has one volume for landscape architects and another for ASLA and ASLA chapters.

The plan will be implemented over the next five years — from 2026 to 2030. It sets important new targets for realizing our 2040 vision, establishing an ambitious set of 2030 benchmarks to meet in the areas of biodiversity, greenhouse gas emission reductions, carbon sequestration, adaptation, economic benefits, and climate and biodiversity justice.

This new plan represents a major shift. We know the climate and biodiversity crises are equal priorities. So, we have developed an ambitious plan for addressing both crises — through landscape architecture.

Landscape architects can help communities stop and then turn back the rapid loss of ecosystems and biodiversity. We can speed

"Nature-based solutions are the way to address the climate and biodiversity crises together. They are key to achieving a future with healthier communities and ecosystems for all."

(Cover) By restoring the original prairie, savannah, and woodland ecosystems at the Houston Arboretum in Houston, Texas, landscape architects designed a landscape naturally resilient to future climate impacts, including more frequent and severe hurricanes, flooding, and drought. Houston Arboretum and Nature Center, Houston, Texas. Image Credit: Design Workshop and Reed Hilderbrand / Brandon Huttenlocher/Design Workshop

up our work to achieve global biodiversity goals — protecting and restoring at least 30 percent of terrestrial, coastal, and marine ecosystems by 2030 (30 x 30).

We will do this by using our projects to:

- Strengthen ecosystems
- Conserve habitat for species
- Plant native trees and plants
- Protect and restore soil health
- Manage invasive species
- Create ecological corridors

At the same time, we will continue to help communities reduce their greenhouse gas emissions, sequester more carbon, and address worsening climate impacts, like extreme heat, flooding, drought, sea level rise, wildfire, and air and water pollution.

Nature-based solutions are the way to address the climate and biodiversity crises together. They are key to achieving a future with healthier communities and ecosystems for all.

With this updated plan, we recommit to using our collective voice to advocate for greater investment in nature-based solutions locally, nationally, and internationally.

We recommit to nature-based solutions because they are also good for the economy. These solutions have been proven time and again to strengthen local economies, encourage new development, increase property values, reduce insurance risks and costs, and create good paying jobs that can't be outsourced — in all communities.

Their construction costs can be up to 30 percent less and their maintenance costs up to 25 percent less than conventional gray infrastructure. These solutions also result in communities and ecosystems that are more resilient over the long-term and avoid increasingly destructive and costly future impacts.

ASLA and ASLA chapters can't do this alone — the plan identifies the many partners we need to move this work forward over the next five years. We hope you will join us in achieving this life-enhancing vision.

Kona Gray, FASLA, PLA
ASLA President

Torey Carter-Conneen, Hon. ASLA
ASLA CEO

This plan is made possible by the ASLA Fund, which supports landscape architecture's vital role in addressing climate change and biodiversity loss through research, education, and advocacy.

The mission of the ASLA Fund: Investing in global, social, and environmental change through the art and science of landscape architecture.

This plan is dedicated to Kongjian Yu, FASLA, PhD, Founder, Turenscape and Professor and Founding Dean, College of Architecture and Landscape, Peking University.

Kongjian led the world in envisioning a more harmonious relationship between people and nature. His projects, speeches, and writings inspired tens of thousands of landscape architects worldwide and captured the public's imagination. He saw landscape architecture as a "strategic and scientific tool" for solving the climate and biodiversity crises. He was a colleague, friend, and mentor to so many in our community.

Landscape architects can be leaders in addressing the challenges of climate change and biodiversity loss. We have expertise in design, ecology, and cultural understanding that allows us to integrate natural systems with the built environment. We can design sites, infrastructure, and communities that are resilient, biodiverse, equitable, and provide economic benefits.

Landscape architects design nature-based solutions — like green roofs, wetlands, urban forests, parks, and green, complete streets — to reduce flood risks, cool cities, improve soil and water quality, and restore ecological function. Through planting and ecological restoration strategies, our projects can offset greenhouse emissions generated during construction and contribute to zero emissions goals. When designed for long-term ecological performance, these landscapes can deliver climate and biodiversity positive outcomes.

We play a central role in planning low-carbon, resilient communities. Through collaboration with planners, architects, and transportation engineers, we design compact, transit-oriented, and walkable developments with an integrated network of green spaces. These places reduce fossil fuel use, improve public health, reduce heat islands, and provide equitable access to green spaces.

We realize economic benefits through lower healthcare costs, reduced cooling loads, reduced infrastructure costs, and improved air quality.

At the regional scale, we plan for larger systems that support ecological and community resilience. We protect habitat networks, restore degraded landscapes, enhance watersheds, and build regional green infrastructure. This work strengthens biodiversity, improves landscape connectivity, and reduces vulnerability to climate impacts.

Collaboration on this work is essential to our collective success. The scale and complexity of climate and biodiversity challenges require integrated, interdisciplinary approaches. This new plan

> **"Our ability to understand complex systems and design for both ecosystems and people makes us critical partners in climate and biodiversity action."**

drives forward collaboration, presenting the opportunities for landscape architects to:

- Partner with engineers to implement resilient infrastructure
- Collaborate with architects to align building and site performance
- Work with ecologists to guide habitat restoration
- Work with local communities to elevate their voices for equitable climate and biodiversity positive design
- Engage planners and policymakers to shape land use, transportation, and environmental policy

Our ability to understand complex systems and design for both ecosystems and people makes us critical partners in climate and biodiversity action.

To support climate and biodiversity positive design, we must be actively involved in policy, funding, and planning decisions. Our perspective provides insights on land stewardship, climate adaptation, and ecological restoration. We can inform regional frameworks, development regulations, and investment priorities.

Landscape architects are leaders — alongside allied professionals — in shaping a more climate resilient, biodiverse, and equitable environment.

With this updated plan, ASLA and ASLA chapters will invest in:

- Strengthened leadership in equitable climate and biodiversity positive design.
- Greater awareness about the important role of landscape architecture in addressing climate change and biodiversity loss.
- New tools and resources for equitable climate and biodiversity positive design.
- The performance and business case for climate and biodiversity positive design.
- Advocacy with policy makers, suppliers, and allied professionals for climate mitigation, resilience, and biodiversity.
- Stronger alliances with professional organizations and partners.

Together, we can move from reducing harm to designing regenerative places — creating landscapes that support health, safety and welfare of people and the planet.

Meg Calkins, FASLA, FCELA
Chair, ASLA Climate & Biodiversity Action Plan Task Force
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Partnering with Chicago's Uptown community, landscape architects at MKSK reimagined the Winthrop Family Historical Garden, creating a community space that "celebrates the rich heritage, resilience, and legacy of Black families who helped found the Uptown's cultural diversity despite racial segregation." Image Credit: ASLA 2024 Professional Urban Design Honor Award. Celebrating Community Resiliency: An Equitable Garden Transformation. Chicago, Illinois. MKSK, Inc. / Scott Shigley

Equity Acknowledgement

The American Society of Landscape Architects acknowledges the impacts of climate change, biodiversity loss, and environmental degradation have a greater impact on Indigenous peoples, underserved populations, and marginalized communities. These groups have historically been excluded — and often continue to be excluded — from decision-making, and their lands and resources have been appropriated without consent.

We recognize the deep-rooted knowledge and stewardship of Indigenous peoples whose practices offer essential guidance for regenerative design and climate resilience. We stress the need for placing their voices and leadership at the center of environmental restoration and climate resilience efforts.

We commit to advancing equity for all people by advocating for inclusive, community-driven approaches that:

- Address systemic inequities
- Champion environmental justice by amplifying underrepresented voices in decision making
- Ensure that all communities have equitable access to healthy, sustainable, and thriving environments.

ASLA CLIMATE AND BIODIVERSITY ACTION PLAN TASK FORCE

Acknowledgements
ASLA is grateful for the work of the ASLA Climate & Biodiversity Action Plan Task Force, who gave freely of their time and expertise to create this plan.

We are also very thankful for the substantive input from experts in the ASLA Climate & Biodiversity Plan Advisory Group.

Lastly, we appreciate the strong foundation that Pamela Conrad, ASLA, Diane Jones Allen, FASLA, José Almiñana, FASLA, Sarah Fitzgerald, ASLA, and Vaughn Rinner, FASLA, built with the 2022 Climate Action Plan and Field Guide.

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INTRODUCTION

Landscape architects are uniquely qualified to address the urgent imperatives of climate change and biodiversity loss by planning and designing equitable, regenerative places. This work supports our professional mandate of creating places that protect the health, safety, and welfare of people and communities. ASLA and ASLA Chapters are committed to supporting landscape architects in this work by providing them with resources and information and advocating for their work with other professionals, organizations, and decision makers.

The ASLA Climate & Biodiversity Plan has established a vision for 2040.

All landscape architecture projects will:

- Achieve zero greenhouse emissions and double carbon sequestration from business as usual.
- Protect, conserve, restore, enhance, and manage biodiversity.

In a historically marginalized neighborhood in Lynwood, California, landscape architects with SWA Group began to repair the damage from the discriminatory placement of Interstate 105, transforming five blocks of vacant lots between the freeway and residential neighborhood into a linear park. Image Credit: ASLA 2021 Professional Urban Design Award of Excellence. Repairing the Rift: Ricardo Lara Linear Park. Lynwood, California. SWA Group / SWA Group/David Lloyd

- Provide significant economic benefits in the form of measurable ecosystem services, co-benefits, and livelihoods.
- Address climate and biodiversity injustices, amplify the power of communities, and increase the equitable distribution of climate and biodiversity investments.

To realize this vision, there are immediate benchmarks that must be achieved over the next five years by 2030.

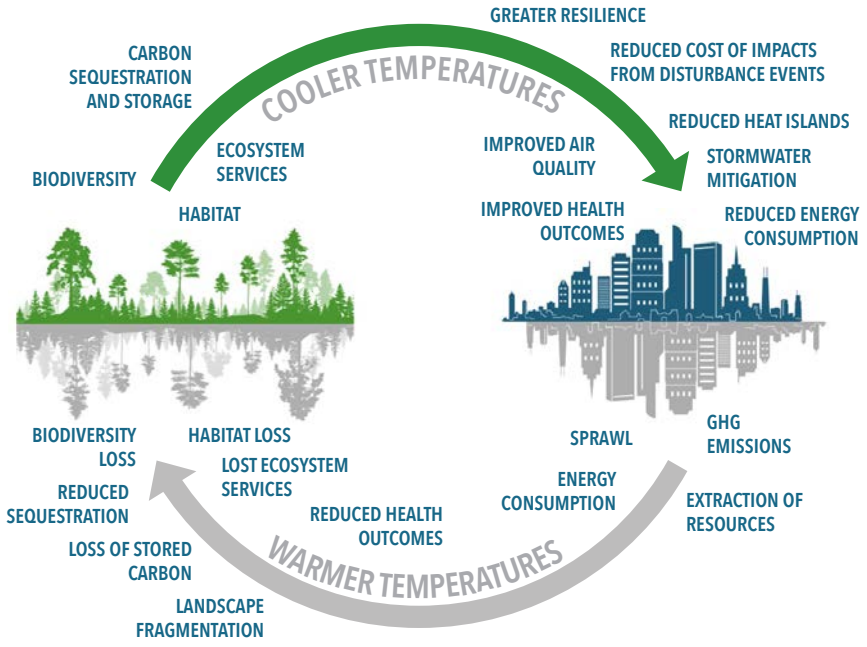
All landscape architecture projects will:
- Achieve a 50-65 percent reduction in greenhouse emissions and double carbon sequestration from business as usual.
- Increase biodiversity through protection, conservation, restoration, enhancement, and management strategies, supporting goals of protecting 30 percent of existing ecosystems and restoring 30 percent of degraded ecosystems.
- Provide significant economic benefits in the form of measurable ecosystem services, cobenefits, and livelihoods.
- Address climate and biodiversity inequities by amplifying the power of communities, supporting local leadership, and increasing the equitable distribution of climate and biodiversity investments.

The goals, objectives, and actions in this plan reflect the integrated approach for climate and biodiversity positive design. Both climate and biodiversity positive design must consider equity, with an inclusive design process and equitable access.

The relationships between biodiversity loss and climate change require integrated efforts to address both issues at the same time. Protecting biodiversity can help mitigate climate impacts, while reducing greenhouse gas emissions can support ecosystem resilience and foster biodiversity.

Climate positive design employs:
- Low-carbon, resource-efficient construction materials and methods
- Energy efficient and low or zero fossil fuel maintenance practices
- Planning for sustainable, multimodal, low-carbon communities
- Increased sequestration through plantings to offset embodied carbon
- Nature-based solutions for climate resilience

Biodiversity positive design protects, conserves, restores, enhances, and manages:
- Functioning ecosystems that provide ecosystem services
- Habitat and habitat connectivity that support flora and fauna
- Overall biodiversity



Biodiversity is connected to the climate, creating a circular relationship that both exacerbates and improves environmental and human health impacts. The top half of the circle illustrates the positive impacts that biodiversity has on the built environment, while the bottom half illustrates the negative impacts that urbanization and industry have on biodiversity.
Image credit: Meg Calkins

The ASLA Climate & Biodiversity Task Force and Advisory Group have created an action plan in two volumes:

Landscape Architecture 2040: Climate & Biodiversity Action Plan For ASLA and ASLA Chapters

This volume is written for National ASLA and ASLA Chapters. This is an updated and expanded version of the 2022 Climate Action Plan. This plan continues a path of action for National ASLA and ASLA Chapters to support their members in equitable, climate and biodiversity positive planning and design.

Landscape Architecture 2040: Climate & Biodiversity Action Plan For ASLA Members

This volume is intended for ASLA members to use individually and in their firms, public institutions, non-profit organizations, and community groups. This is an updated and expanded version of the 2022 Field Guide. This plan offers actions for equitable climate and biodiversity positive practices in projects and business operations.

THE RELATIONSHIP BETWEEN CLIMATE CHANGE AND BIODIVERSITY

Biodiversity loss is closely intertwined with climate change, creating a feedback loop that exacerbates environmental and human health impacts. As global temperatures rise due to increased greenhouse gas emissions, wildlife health is affected by habitat destruction, altered migration patterns, and disrupted breeding cycles. Plants struggle to adapt to shifting climate zones, resulting in reduced growth, greater competition from invasive species, and loss of native plant communities. These challenges disrupt ecosystems, reducing their capacity to sequester carbon and regulate climate, further accelerating climate change.

OUR COLLABORATORS

Collaboration with allied disciplines, scientists, product manufacturers and material suppliers, community members, and traditional knowledge bearers is key to the success of this plan. Annotations indicate which collaborators are needed to achieve the actions outlined.

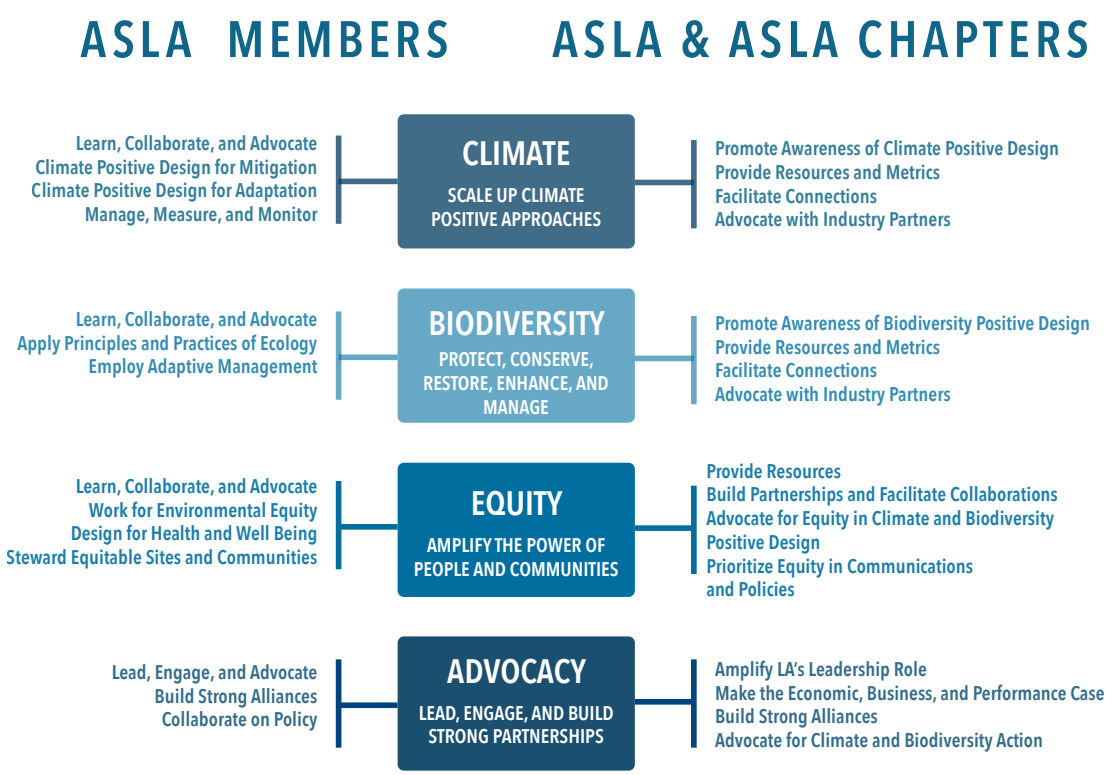
AR	Architects
CE	Civil engineers
CG	Community groups
CHP	ASLA Chapters
CL	Client, owner
CM	Community members, citizen scientists

While landscape architects and ASLA play critical roles in addressing the climate and biodiversity crises, we cannot engage these imperatives alone. Collaboration with allied disciplines, scientists, product manufacturers, community members, and traditional knowledge bearers is key to success. This plan uses annotations to indicate which collaborators are needed to achieve the actions outlined (see sidebar).

These volumes have been developed to support global initiatives aimed at enhancing climate resilience and protecting biodiversity. In the field of landscape architecture, this plan aligns with the Climate Action Commitment set forth by the International Federation of Landscape Architects (IFLA). It also aligns with broader international frameworks, including the United Nations Sustainable Development Goals, the Kunming-Montreal Global Biodiversity Framework's goals, the Architecture 2030 Challenge.

OUR COLLABORATORS (CONTINUED)

CN	Contractors
COE	Coastal engineers
DE	Developers
EC	Economists, economic benefit analysts
ECO	Ecologists, natural resource scientists, biologists
ENV	Environmental Engineers
GE	Geotechnical Engineers
GOV	Governments
HI	Historians, archaeologists
HO	Horticulture and Nursery Industry
HQ	ASLA National
INS	Insurers
INV	Investors
LA	Landscape architects
LCA	Life cycle analysts
MFR	Manufacturers
NGO	Non-governmental and non-profit organizations
NN	Native Nations
PL	Planners
PRO	Professional organizations
PUB	General public
RE	Non-academic researchers
SE	Structural Engineers
SM	Site managers
STU	Students
SUP	Material suppliers and vendors
TE	Transportation Engineers
TKB	Traditional knowledge bearers, Indigenous peoples
UNI	Academic institutions



ASLA 2040: Climate and Biodiversity Action Plan volumes are organized around four key goals addressing Climate, Biodiversity, Equity and Advocacy. The goals are the same for both volumes, but the objectives differ. Image credit: Meg Calkins

This document, which is for National ASLA & ASLA Chapters, offers a comprehensive set of goals, objectives, actions, and success measures for ASLA and its chapters to achieve. Actions in this volume align with and complement actions in the volume for ASLA members. The actions in these volumes work together to advance goals – some need to be achieved at the ASLA organizational level while others can only be advanced by members and their firms and organizations.

This volume is organized around four key goals for ASLA and ASLA Chapters:

- Climate: Scale up climate positive approaches
- Biodiversity: Protect, conserve, restore, enhance and manage
- Equity: Amplify the power of people and communities
- Advocacy: Advance climate and biodiversity action through leadership and engagement

Each goal includes specific objectives and numerous actions that National ASLA and Chapters can take to amplify the work of ASLA members. This action plan links to additional resources – including relevant national and international standards – to guide implementation and further learning.

GOAL 1
CLIMATE

Scale up climate positive approaches for mitigation and resilience. Reduce GHG emissions by 50-65% by 2030, zero emissions by 2040; 2 x sequestration from business as usual

OBJECTIVES	ACTIONS
OBJECTIVE 1.1 Promote awareness of the importance of climate mitigation and adaptation in the practice of landscape architecture.	ACTION 1.1.1 Develop practice-centered communications and education campaigns that promote a deeper awareness of landscape architects' role addressing the climate crisis.
	ACTION 1.1.2 Collect and publish data on the economic, equity, and health benefits of climate positive design and nature-based solutions.
	ACTION 1.1.3 Conduct market research to determine new markets for landscape architecture services related to climate mitigation and resilience.
	ACTION 1.1.4 Leverage ASLA's own commitment to achieve zero emissions in all of its business operations by 2040 to advocate to and educate the profession.
	ACTION 1.1.5 Launch a climate and biodiversity positive design commitment program to support landscape architecture organizations' and product manufacturers' efforts to measure the climate and biodiversity benefits and impacts of their projects.
	ACTION 1.1.6 Develop a climate and biodiversity award category for the ASLA Professional and Student Awards.

OBJECTIVES	ACTIONS
OBJECTIVE 1.1 (continued)	**ACTION 1.1.7** Recognize progress on climate and biodiversity positive design at national and state ASLA conferences and events.
OBJECTIVE 1.2 DESIGN Provide resources to inform, guide, and support ASLA members' efforts in climate positive design and resilience.	**ACTION 1.2.1** Develop standard methods for organizations to track GHG emissions on their projects.
	ACTION 1.2.2 Develop landscape architecture industry baselines for embodied carbon emissions, operational carbon emissions, and carbon sequestration.
	ACTION 1.2.3 Promote use of emissions measurement tools, including carbon calculators, such as Pathfinder and Carbon Conscience, and environmental product declarations (EPDs).
	ACTION 1.2.4 Pursue and fund research on carbon emission and sequestration impacts that are not captured in typical project or product LCAs.
	ACTION 1.2.5 Develop and promote metrics for measuring climate resilience strategies.
	ACTION 1.2.6 Coordinate climate mitigation and adaptation efforts within ASLA by aligning goals, resources, and outcomes.
	ACTION 1.2.7 Curate and prioritize climate mitigation and adaptation strategies in ASLA national, regional, and chapter conference education sessions.
	ACTION 1.2.8 Continue to develop toolkits, guides, and professional education webinars specific to climate mitigation.
	ACTION 1.2.9 Provide guidance on tools and techniques for measuring carbon emissions and sequestration impacts.
	ACTION 1.2.10 Develop toolkits, guides, and professional education webinars specific to climate resilience.

OBJECTIVES	ACTIONS
OBJECTIVE 1.2 DESIGN (continued)	**ACTION 1.2.11** Form regional working groups to share information about specific climate shocks and stressors in the region.
	ACTION 1.2.12 Develop toolkits, guides, and professional education webinars for organizations and firms to create their own climate and biodiversity action plans.
OBJECTIVE 1.3 Facilitate collaborations with allied professions and other organizations to support climate positive design and nature-based solutions.	**ACTION 1.3.1** Strengthen partnerships with allied professions and organizations engaging in climate and biodiversity positive design, nature-based solutions, low carbon community design, sustainable transportation, and social and climate justice.
	ACTION 1.3.2 Engage with existing standards and certification programs to enhance and expand credits related to climate positive design.
	ACTION 1.3.3 Work with the Landscape Architecture Foundation (LAF) to expand criteria for measuring embodied carbon and sequestration in their Case Study Investigation projects.
	ACTION 1.3.4 Develop and maintain a searchable database of ASLA members who are climate mitigation or climate resilience experts.
	ACTION 1.3.5 Expand investment in peer-reviewed, funded research on climate mitigation and resilience topics through the ASLA Fund.
OBJECTIVE 1.4 Engage product manufacturers, suppliers, vendors, and nurseries to support climate mitigation and resilience.	**ACTION 1.4.1** Advocate for lower embodied carbon products with manufacturers, suppliers, vendors, and nurseries.
	ACTION 1.4.2 Provide a toolkit to manufacturers, suppliers, vendors, and nurseries, setting expectations for third party verified data and reductions in the climate and biodiversity impacts of materials and products.
	ACTION 1.4.3 Coordinate with existing EPD databases to increase listings and improve the search interface for products specific to landscape architecture projects.

GOAL 2
BIODIVERSITY

Protect, conserve, enhance, restore, and manage for biodiversity. Support the goals of protecting 30% of existing ecosystems and restoring 30% of degraded ecosystems by 2030, with a goal of protecting and enhancing biodiversity on each project.

OBJECTIVES	ACTIONS
OBJECTIVE 2.1 Promote awareness of the importance of biodiversity in the practice of landscape architecture.	ACTION 2.1.1 Develop communications and education campaigns that promote landscape architects' role in addressing biodiversity in design and planning.
	ACTION 2.1.2 Improve and maintain the ASLA website with biodiversity news and links to curated resources for addressing the biodiversity crisis.
	ACTION 2.1.3 Collect and publish data on the economic, equity, and health benefits of long-term resilience in landscapes and the key role of biodiversity.
	ACTION 2.1.4 Expand the presence of biodiversity positive design approaches in ASLA national, regional, and chapter conferences and communications.
	ACTION 2.1.5 Develop a toolkit for speaking with clients, project teams, and community partners to aid in prioritizing conservation and biodiversity in design and planning.
	ACTION 2.1.6 Develop an award for biodiversity in the design and planning categories of the ASLA Professional and Student Awards.

OBJECTIVES	ACTIONS
OBJECTIVE 2.2 Create curated and centralized resources to inform, guide, and support ASLA members' efforts in biodiversity positive design.	**ACTION 2.2.1** Develop toolkits, guides, and professional education webinars specific to biodiversity issues, landscape ecology, ecosystem services, and biodiversity positive design.
	ACTION 2.2.2 Expose landscape architects to international standards for biodiversity and build understanding of their design applications.
	ACTION 2.2.3 Identify, evaluate, and share a range of methods for measuring and monitoring the biodiversity impact of projects.
	ACTION 2.2.4 Connect ASLA members to research and knowledge on biodiversity, landscape ecology, and ecosystem services relevant to their design and planning work.
	ACTION 2.2.5 Promote collaboration between landscape architecture programs and the sciences at colleges and universities.
	ACTION 2.2.6 Curate and prioritize biodiversity positive design, regenerative and restorative landscapes in ASLA national, regional, and chapter conference education sessions.
	ACTION 2.2.7 Form regional working groups to share information about regional biodiversity issues and strategies to support biodiversity positive design.
	ACTION 2.2.8 Promote credentialing and certification programs in landscape ecology and ecosystem services.
OBJECTIVE 2.3 Facilitate a broad network of practice through relationships with allied professions and organizations to support biodiversity positive design and planning.	**ACTION 2.3.1** Increase profile and strengthen partnerships with allied professions and organizations to promote the role of landscape architects in addressing the biodiversity crisis.
	ACTION 2.3.2 Facilitate collaboration with scientists and researchers on biodiversity.
	ACTION 2.3.3 Curate spaces for dialogue within the agriculture, aquaculture, fisheries, and forestry industries to expand the description of integrated nature-based solutions, balancing food security and conservation priorities.

OBJECTIVES	ACTIONS
OBJECTIVE 2.3 (continued)	**ACTION 2.3.4** Advocate for biodiversity positive policies, regulations, planning and development best practices to local, state, national, and global policymakers.
	ACTION 2.3.5 Collaborate with landscape architecture organizations to develop resources, monitoring protocols, and data on biodiversity positive design strategies for ecosystem types.
	ACTION 2.3.6 Develop and maintain a searchable database of landscape ecologists, restoration ecologists, conservation biologists, and other experts.
OBJECTIVE 2.4 Engage product manufacturers, suppliers, vendors, and nurseries to support biodiversity positive design.	**ACTION 2.4.1** Advocate for industry shifts that promote native plants, optimized growing practices, and safer chemicals.
	ACTION 2.4.2 Develop and distribute a toolkit to nurseries and suppliers about biodiversity goals, safer chemicals, and provision of information about the biodiversity impacts of their plant materials and products.
	ACTION 2.4.3 Increase connections between ecologists, local native plant societies, and nurseries to aid in plant selection and plant propagation.
	ACTION 2.4.4 Encourage development and disclosure of practices and policies that reduce the impacts of products and materials on biodiversity.

GOAL 3
EQUITY

Amplify the power of plural and diverse communities and people to achieve equitable climate and biodiversity positive design.

OBJECTIVES	ACTIONS
OBJECTIVE 3.1 Provide resources to support ASLA members' work in equitable climate and biodiversity positive design.	**ACTION 3.1.1** Provide training and resources for ASLA members and educators focused on community self-determination, understanding reparations, justice and privilege, trans-active engagement, empowerment techniques, and cultural literacy training.
	ACTION 3.1.2 Develop a toolkit and webinars for ASLA members about learning from, recognizing, and valuing the environmental knowledge and lived experience of Indigenous cultures, immigrants and other marginalized communities.
	ACTION 3.1.3 Develop a guide on how to identify and address past climate inequities and community environmental history through listening sessions with community members, civic leaders, and gatekeepers.
	ACTION 3.1.4 Provide training for both ASLA members and community leaders about techniques of participatory outreach and engagement that support equity for climate and biodiversity positive design.
	ACTION 3.1.5 Develop a continuing education series that expands cultural awareness of Indigenous nations and traditional knowledge, historic and ongoing stewardship practices, and landscape projects on unceded lands and traditional territories.

OBJECTIVES	ACTIONS
OBJECTIVE 3.1 (continued)	**ACTION 3.1.6** Develop equity measures and metrics that can be applied when executing all goals of the Climate and Biodiversity Action Plan for ASLA Members.
OBJECTIVE 3.2 Build partnerships and facilitate collaboration with allied professions, communities, and organizations to support equity in climate and biodiversity positive design.	**ACTION 3.2.1** Provide tools and resources for communities to address climate and biodiversity equity.
	ACTION 3.2.2 Build relationships with social justice and climate justice organizations.
	ACTION 3.2.3 Develop a communications campaign targeted to allied professionals, policymakers, and organizations about equity issues in climate mitigation, climate adaptation, and biodiversity positive design.
	ACTION 3.2.4 Identify, understand, and act on environmental injustices in collaboration with allied professions, community groups, and policy makers.
OBJECTIVE 3.3 Advocate for equity and equitable practices in climate and biodiversity positive design.	**ACTION 3.3.1** Work with state and local officials, planners, developers, and community advocates to advance equitable development as part of climate and biodiversity action goals.
	ACTION 3.3.2 Advocate for equitable distribution of projects and assets with municipal decision makers, community groups, and policy makers.
	ACTION 3.3.3 Advocate for the development of reconciliation plans for communities that have been separated from their territories and their roles of caring for the land.
OBJECTIVE 3.4 Place equity at the center of all ASLA resources, events, and communications.	**ACTION 3.4.1** Learn from, collaborate with, and support underserved communities in alignment with the ASLA Racial Equity Plan of Action.
	ACTION 3.4.2 Develop an inclusive Youth Climate Leadership Program and invite high school students from host cities to attend ASLA national, regional, and chapter conferences.
	ACTION 3.4.3 Expand the program that invites local climate action, biodiversity action, and environmental and climate justice organizations and community groups to attend ASLA national, regional, and chapter conferences.

OBJECTIVES	ACTIONS
OBJECTIVE 3.4 (continued)	**ACTION 3.4.4** **Prioritize cultural inclusion and commemoration using inclusive, participatory processes and engaging community knowledge.**
	ACTION 3.4.5 **Prioritize equity in all objectives of the Climate & Biodiversity Action Plan for ASLA and ASLA Chapters.**

GOAL 4
ADVOCACY

Establish landscape architects as leaders in climate and biodiversity positive design.

Build strong partnerships and advocate for equitable climate and biodiversity positive design.

OBJECTIVES	ACTIONS
OBJECTIVE 4.1 Communicate landscape architects' leadership role in addressing the climate and biodiversity crises.	**ACTION 4.1.1** Develop a communications strategy to disseminate climate and biodiversity positive design success stories to the public and allied professions.
	ACTION 4.1.2 Create a climate and biodiversity communications toolkit for ASLA Chapters to elevate their communications locally and regionally.
	ACTION 4.1.3 Amplify the voices of ASLA members engaging in climate positive and biodiversity positive design through media placement and communications.
	ACTION 4.1.4 Continue the ASLA Climate & Biodiversity Fellowship Program.
	ACTION 4.1.5 Promote a broader advocacy role for landscape architects in the climate and biodiversity crises.
	ACTION 4.1.6 Grow ASLA's social media and video content about climate mitigation, adaptation, and biodiversity work.

OBJECTIVES	ACTIONS
OBJECTIVE 4.2 Make the performance and business case for climate and biodiversity positive design.	ACTION 4.2.1 Create an economic research agenda to support climate and biodiversity positive design.
	ACTION 4.2.2 Advance a dialogue with the insurance industry to promote landscape architecture's role in risk reduction.
	ACTION 4.2.3 Create a wiki of climate and biodiversity research, strategies, and other resources for members.
	ACTION 4.2.4 Expand the role of the Climate & Biodiversity Action Network to support regional practices in climate and biodiversity positive design.
OBJECTIVE 4.3 Build strong partnerships and support global frameworks.	ACTION 4.3.1 Expand ASLA's engagement with global forums related to climate and biodiversity.
	ACTION 4.3.2 Encourage ASLA members to incorporate the UN Sustainable Development Goals into their work and their organizations.
	ACTION 4.3.3 Continue to engage international landscape architecture organizations.
	ACTION 4.3.4 Lead discourse among a wide range of environmental, social, and business entities on climate and biodiversity solutions and communications.
	ACTION 4.3.5 Join or form coalitions with industry partners, allied organizations, and climate and biodiversity experts.
	ACTION 4.3.6 Work with specification writing and management systems to support climate and biodiversity positive design in standard specifications.
	ACTION 4.3.7 Work with LAAB and CLARB on educational and professional standards for equitable climate mitigation, adaptation, and biodiversity.
	ACTION 4.3.8 Grow ASLA's Dream BIG with Design and other K-12 awareness programs to create the next generation of landscape architects.

OBJECTIVES	ACTIONS
OBJECTIVE 4.4 Advocate for climate and biodiversity action in local, state, and federal policy, plans, programs, and projects.	**ACTION 4.4.1** Foster relationships with key climate and biodiversity policy officials at federal, state, and local levels.
	ACTION 4.4.2 Lobby for new and updated policies, regulations, and ordinances at the federal, state, and local levels that support climate mitigation, resilience and biodiversity.
	ACTION 4.4.3 Leverage the Climate and Biodiversity Action Network to expand local advocacy networks into effective state and regional grassroots efforts.
	ACTION 4.4.4 Develop a program to help place landscape architects in public service and elected office.