

INSIGHT

21

SPRING

**VIREO'S
RECENT WORK**

**LANDSCAPE
ARCHITECTURE
AT UNIVERSITY
OF NEBRASKA-
LINCOLN**

**ADVOCACY IN
SOUTH DAKOTA**

**VALUING
PROFESSIONAL
LICENSING IN
THE US**

**ASLA TESTIFIES
BEFORE CONGRESS
ON GREEN
INFRASTRUCTURE**



WHAT WE'VE BEEN UP TO...



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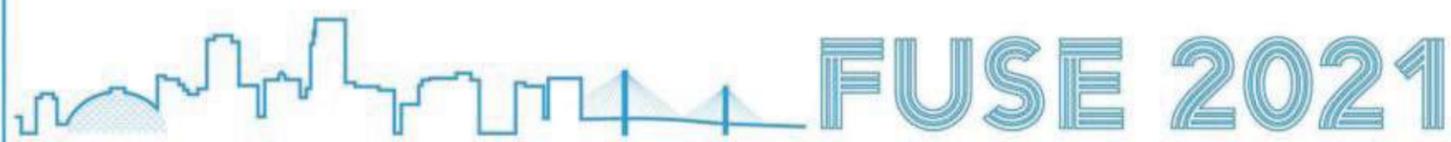


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APRIL SOCIAL & LICENSURE UPDATE

THANK YOU TO OUR CENTRAL STATES PLANNING COMMITTEE!



ASLA CENTRAL STATES CONFERENCE
OMAHA, NEBRASKA | MAY 12-14

FUSE 2021

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FUSE 2021 SCHEDULE

The theme **FUSE: 2021 Diverse | Collaborative | Cohesive** focuses on landscape architects as part of a collaborative industry fused together with multiple disciplines and trades. Even though we all specify and excel in our differing fields, it is critical to remember that in order to achieve true excellence we must work as a cohesive unit.



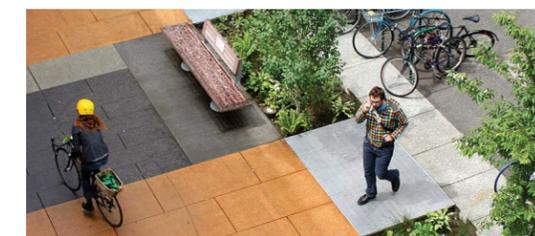
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OMAHA, NEBRASKA | MAY 12-14

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LANDSCAPE ARCHITECTURE AT UNIVERSITY OF NEBRASKA-LINCOLN

Mark Hoistad provides an update on the UNL Landscape Architecture Program.



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ADVOCACY FOCUS

Chris Brandriet, board member of the Design Professionals Coalition of South Dakota provides an update on this legislative session's advocacy efforts in South Dakota. Dennis E. Bryers shares key research findings from the Alliance for Responsible Professional Licensing's recently published Oxford Report.



PRESIDENT'S MESSAGE



BRYAN LEININGER

As I reflect on the past year, it is easy to think about how the pandemic has adversely impacted our daily lives. However, there is so much we Landscape Architects should celebrate. This past year found an outdoors industry simply not able to keep up with demand. Reports of record bicycle sales, full trailhead parking lots and neighborhood parks, State and National Parks setting visitation records (despite many being closed for 2+ months), and our sidewalks are buzzing as people set out to further explore their neighborhoods. There is no doubt that the pandemic has reinvigorated people's engagement with nature, the environment, and the outdoors. With that, Landscape Architects will continue to be positioned to respond to the growing demand by helping realize and build out the next great places and spaces across our three states and beyond.

With over two years of diligent planning and strategizing, the Nebraska/Dakotas Chapter will be hosting the Central States Conference virtually, May 12-14th, 2021. Hats go off to the planning team. Through perseverance, dedication, and fortitude, they have put together an incredible lineup of speakers for what will be an engaging, one-of-a-kind virtual event. Each day will be kicked off by phenomenal keynote speakers - Michelle Delk of Snøhetta, Nathan Elliott of the Office of James Burnett, and Scott Bishop of Bishop Land Design.

There's still time to register - you can do so by going to: <http://www.aslacentralstates.org/2021-register/>. For the best experience, be sure to download the official Conference app!

As Spring and Summer begin to set in across our three states, we are optimistic that our individual sections will be able to gather and meet with our Partners and Sponsors. This summer, our Section Chairs - Caitlin Bolte (NE), Tanya Olson (SD) and Dominic Fischer (ND), will lead the rollout of this year's section events. By bringing these events outdoors, members across our three states will again be able to safely gather while getting much-needed catch-up time with our Partners and Sponsors. More information and details regarding these events will be headed to your inboxes within the next couple of months. We hope to see you there!

Lastly, I would like to thank our Executive Committee and their ever-gracious leadership and commitment to the Chapter. As they say, many hands make for a light lift, and together we will all continue to accomplish great things for our Chapter and grow the profession of Landscape Architecture across Nebraska, South Dakota, and North Dakota. It has been an honor to serve alongside you all!

Be well,

BRYAN J. LEININGER

Bryan Leininger, PLA, ASLA
Nebraska/Dakotas Chapter President
AGL Landscape Architects

“Landscape Architects will continue to be positioned to respond to the growing demand by helping realize and build out the next great places and spaces across our three states and beyond.”

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UPCOMING EVENTS



ASLA
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2021



ASLA CENTRAL STATES CONFERENCE

MAY 12 - 14, 2021 / VIRTUAL CONFERENCE

The FUSE 2021 Central States Conference focuses on how landscape architects are part of a collaborative industry fused together with multiple disciplines and trades. The conference will include education sessions worth nine CEUs, a virtual sketch crawl, virtual social events, a virtual expo hall with our wonderful sponsors, the 2021 Central States Awards, and much more!



EXECUTIVE COMMITTEE MEETING

MAY 20, 2021 / ZOOM

The Nebraska/Dakotas Chapter of ASLA's Executive Committee meets monthly to discuss ongoing business, upcoming events, and current chapter affairs. All members are welcome to join, listen in, or voice any ideas, concerns, or announcements in our open forum. Contact ndcasla.info@gmail.com or Bryan Leininger at bryan@agl-la.com for our Zoom Link Information.



DESIGN IN THE HILLS

JULY 15-16, 2021 / RAPID CITY, SOUTH DAKOTA

This conference is unique in the design world; while there are sponsors and continuing education credits, very little of it is provided in a traditional classroom setting. The conference is interactive and mobile. Design in the Hills is a unique gathering of architects, landscape architects, interior designers, engineers and artists from across the state, along with members of the community who all connect to celebrate and elevate the standard of design.

STAY UP TO DATE!

VISIT OUR CHAPTER [WEBSITE](#)

FUSE 2021

WEDNESDAY

- 1:00 pm WELCOME SESSION - KEYNOTE: On the Contrary
- Michelle Delk
- 2:15 pm Virtual Break with Sponsor
- LandscapeForms
- 2:30 pm Kansas City International Airport
- Jade Liska
- 3:30 pm Break
- 3:45 pm Enhancing Downtown Lincoln's Sense of Place through Vibrant Streetscape Design
- Collin Christopher
- Karen Nalow

THURSDAY

- 1:00 pm WELCOME SESSION
- 1:15 pm KEYNOTE: Three Parks/Open Purpose: The Omaha Riverfront Revitalization
- Nathan Elliot
- 2:15 pm Break
- 2:30 pm Mobility in Downtown Omaha
- Ken Smith
- 3:30 pm Break
- 3:45 pm ConnectGO
- 4:45 pm Break
- 5:00 pm Happy Hour
- 5:30 pm Awards Presentation



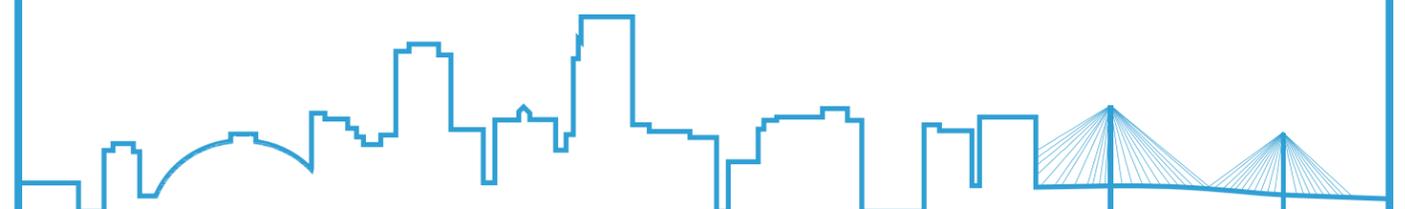
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OMAHA, NEBRASKA | MAY 12-14

FUSE 2021

FRIDAY

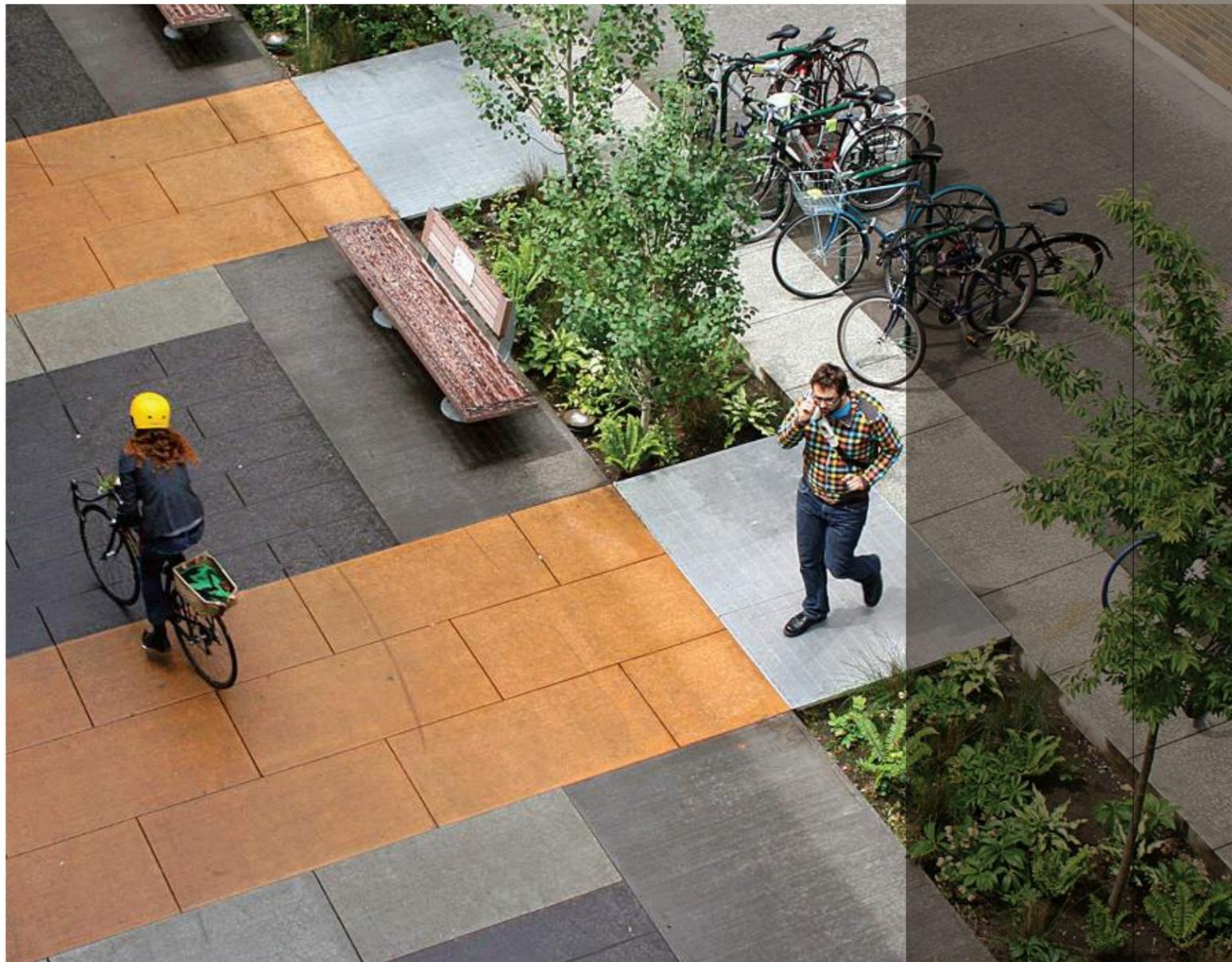
- 1:00 pm WELCOME SESSION
- 1:15 pm KEYNOTE: Climate Action!
- Scott Bishop
- 2:15 pm Break
- 2:30 pm Fusion in Landscape Architecture Design Curricula: Approaches to Enhance Student Success in Interdisciplinary Problem Solving
- Mark Hoistad
- Matthew Kirkwood
- Carl Rogers
- Stephanie Rolley
- 3:30 pm Break
- 3:45 pm Urban Sketching: Connecting to Community
- Amber Sausen
- 5:30 pm Closing Social (Virtual and in-person)

Register by clicking this [link!](#)



ASLA CENTRAL STATES CONFERENCE
OMAHA, NEBRASKA | MAY 12-14

ASLA TESTIFIES BEFORE CONGRESS ON GREEN INFRASTRUCTURE



SW Montgomery Green Street
Portland, Oregon
Kevin Robert Perry

This article was originally posted April 22th, 2021 on 'The Dirt.' To listen to the full testimony, visit this [link](#).



KEVIN ROBERT PERRY, FASLA, SENIOR LANDSCAPE ARCHITECT, TOOLE DESIGN, AND PRINCIPAL, URBAN RAIN DESIGN, TESTIFIED ON BEHALF OF ASLA TO THE U.S. HOUSE OF REPRESENTATIVES COMMITTEE ON TRANSPORTATION AND INFRASTRUCTURE, SUBCOMMITTEE ON WATER RESOURCES AND ENVIRONMENT.

Thank you Chair Napolitano, Ranking Member Rouzer, and Members of the subcommittee for the opportunity to testify on the valuable work being done by landscape architects in the water and stormwater management space.

My name is Kevin Robert Perry and I am a licensed landscape architect and an internationally recognized leader in successfully integrating stormwater management with high-quality urban design.

I work as a Senior Landscape Architect at Toole Design Group with a specific expertise in intertwining green infrastructure with innovative multimodal streetscape design. I am also the founder of Urban Rain Design, a small design studio based in both California and Oregon that specializes in using Tactical Green Infrastructure to rapidly implement simple, cost-effective, and beautiful public space stormwater projects.

I am here today on behalf of the American Society of Landscape Architects (ASLA), where I have been a Fellow since 2017.

ASLA believes that water quality is essential to our economy,

communities, and environment. By working to protect it, our membership of landscape architects plays a critical role in community sustainability and public health.

Landscape architects address water quality through ecologically-based practices that help reduce or remove pollutants in urban, rural, and conservation areas. To help protect water quality and conserve valuable water resources, ASLA encourages planning, design management, and policies that are science-based, collaborative, creative, and equitable.

THE VALUE OF GREEN INFRASTRUCTURE

Ample clean water supplies are necessary to help preserve health, sustainability of life, support economic stability, and maintain environmental quality.

Unsustainable development practices, poorly designed infrastructure, population growth, and other factors continue to threaten water quality and emphasize the need for the wiser and more creative use

“We are at the forefront of developing innovative design strategies that promote sustainability, resiliency, and a balanced vibrancy between our built and natural environment.”

of resources. Urban sprawl and the expansion of paved surfaces increases volume and speed of storm flows, carries pollutants into streams, prevents groundwater recharge, and drastically reduces the landscape’s ability to respond to everyday storm events, much less the current and future challenges of climate change.

In much of the country, especially in older cities and towns, stormwater is funneled into our wastewater systems. During intense rain events, these systems can become overwhelmed resulting in stormwater overflow being released into nearby waters – along with all of the untreated sewage, debris, pesticides, and anything else caught in the underground pipe system.

While the United States has generally had success in protecting water quality, EPA research has found that nonpoint source pollution, the type of water pollution I just described, remains the leading cause of water quality problems.

This is where landscape architects are stepping up and playing a key role. We are at the forefront of developing innovative design strategies that promote sustainability, resiliency, and a balanced vibrancy between our built and natural environment. By incorporating cost-effective and innovative green infrastructure methods into our projects, we plan and design landscaped-based systems that reduce the impacts of flooding, contain the movement of pollutants and other debris, help infiltrate stormwater on-site, increase biodiversity, and integrate these nature-based solutions seamlessly into our cities and towns.

In areas where drought and inadequate water supply is of top concern, green infrastructure may also be a viable solution, helping to replenish local groundwater reserves and recharging aquifers.

We also promote and incorporate the use of sustainably-designed greywater systems and other water capture measures to help reduce the need for external water sources.

In general, the landscape architect’s multi-functional, multi-purpose design solutions allows for a less destructive human relationship with the natural environment.

Landscape architecture practices also provide a key equity and environmental justice solution. One such practice is performing meaningful community engagement during the design and planning process. Often, the communities that stand to benefit the most from our work are the low-income and racially diverse communities that have been damaged by years of underinvestment and disinvestment. This includes communities located in small towns, large cities, and all areas in

between. ASLA and its members are committed to utilizing our trade to directly improve lives in underserved communities; and community engagement and green infrastructure can be important tools to aid in this effort.

Green infrastructure also leads to job creation. According to Green For All, a national organization working to build an inclusive green economy, a \$188.4 billion investment in stormwater management would generate \$265.6 billion in economic activity and create close to 1.9 million jobs. Furthermore, green infrastructure is good for small businesses, as many landscape architects work for or run their own small firms, as I have for nearly a decade.

GREEN INFRASTRUCTURE ACROSS SCALES

One of the greatest benefits of using green infrastructure is

Planned Green Street Improvements
Colma, California
Kevin Robert Perry





Washington D.C. Green Street
Kevin Robert Perry

that it can be implemented across a wide range of scale and community contexts. Resilient coastlines/riverfronts, regional parks, and interconnected green transportation corridors can be realized at the large citywide-scale; while rain gardens, pervious paving, and a robust use of street trees can grace nearly any neighborhood-scale space.

With thousands of our schools, roads, parks, and other civic space infrastructure either breaking down or inefficiently designed, there is an incredible opportunity to boldly retrofit our built environment with long-lasting green infrastructure strategies.

TACTICAL GREEN INFRASTRUCTURE

One avenue of green infrastructure that is starting

to take root on the West Coast is the concept of Tactical Green Infrastructure. While many infrastructure projects can take years to be fully implemented, Tactical Green Infrastructure is a specialized design-build methodology that allows professional design practitioners, students, and/or volunteers to work together to identify, design, and construct expedited green infrastructure projects at public schools, parks, and even some street locations. These small-scale projects convert either existing paved or underutilized green space into highly functional rain garden landscapes within a couple of months – and directly involve the local community through the process. This kind of low-cost, effective, and quickly built Green Infrastructure can be a simple national model but with

near-term and tangible results realized at the neighborhood level. While conceived in both Oregon and California, we believe a coordinated Tactical Green Infrastructure approach, led by landscape architects, has immense potential to expand throughout the United States.

THE WATER QUALITY PROTECTION AND JOB CREATION ACT OF 2021

ASLA and its members appreciate the committee's support for legislation promoting green infrastructure, including H.R. 1915 – the Water Quality Protection and Job Creation Act of 2021, which would help states and local communities fund green infrastructure projects that protect water.

We are also appreciative of the committee's support for the Clean Water State Revolving Fund, and specifically the Green Project Reserve, which mandates that at least 10% of funds are used by states for green infrastructure projects. Since states and localities typically do not have their own funding mechanisms to keep their water infrastructure safe, up to date, and within the requirements

of the Clean Water Act, many landscape architecture projects would not be possible without the help of this program.

For these reasons, ASLA is supportive of increased funding to the Clean Water SRF, as well as making the Green Project Reserve permanent and increasing its minimum percentage. To make projects even more sustainable and resilient, the Clean Water SRF should also be adjusted to allow for the funding of long-term maintenance projects as well.

CONCLUSION

With that, I thank the committee for inviting me to testify today. ASLA looks forward to working with you and your colleagues to ensure that Congress leverages the field of landscape architecture when striving for its climate adaptation and sustainability goals.

“ASLA is supportive of increased funding to the Clean Water SRF, as well as making the Green Project Reserve permanent and increasing its minimum percentage”



Tactical Green Infrastructure groundbreaking, led by landscape architects
Kevin Robert Perry



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FIRM FOCUS

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CONTRIBUTED BY ROBIN FORDYCE, PLA, ASLA

Vireo is in the business of creating healthy places for people and we've built the firm on the design of environments that are attractive, livable, vibrant and sustainable - places that people want to be.

Our commitment to healthy ecosystems has been at the forefront of our philosophy since our establishment in 1995. We believe that healthy ecosystems are key to creating a healthy, happy and thriving economic climate and we help communities realize this vision.

Vireo knows how to integrate policy, design, and development at all levels. Our portfolio includes natural resource planning; transit supportive development planning; traditional neighborhood design; urban and streetscape design; park and trail planning; environmentally sensitive site design; public process management and project management.

Our clients include regional planning councils, counties, cities, institutions, and private developers. We are in a unique position to help each of our clients because of our previous and ongoing work and our passion for sustainable, community planning. Vireo uses a participatory process to generate solutions that increase our connections to nature while allowing us to live healthier lives and serve as better stewards of the environment.

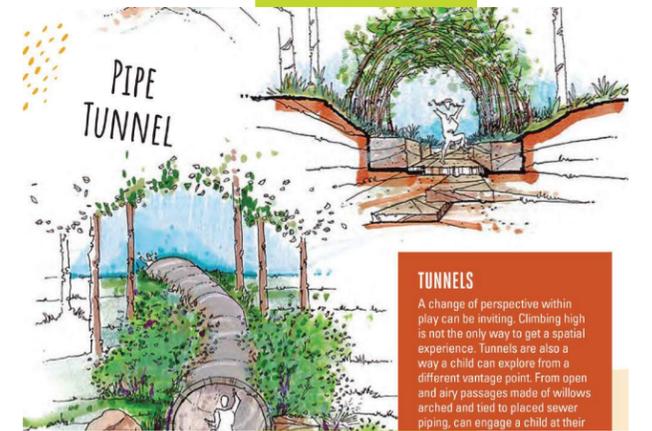
Whether it's large-scale planning for the future or starting with small-scale improvements, we listen to the people who care about the places in their lives. We create ways to make those places more vibrant, welcoming, inclusive and a reflection of the people who live and work there.

Our staff includes landscape architects, community planners, natural resource planners, community engagement specialists, architects, ecologists and graphic designers. By combining our talents, we can provide our clients with the ability to reach out to people, to plan for the future and to create sustainable solutions that beautify, engage and grow the community in all respects.

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ADAMS PARK / JOHN CREIGHTON BLVD GREEN INFRASTRUCTURE

OMAHA, NEBRASKA

Vireo helped identify and design green infrastructure enhancements as part of an overall plan to reduce combined sewer overflows in the Minne Lusa Basin. Vireo assisted a team of engineers and the City of Omaha by identifying and designing natural enhancements to regional detention and conveyance improvements. Work in Adams Park included plans for wetlands, outdoor education, future interpretive signage and walking trails through a prairie. Vireo worked with the project team and the Parks and Recreation Department to integrate the improvements into existing and planned future park uses, including a wetland education center. Vireo helped prepare construction documents, assisted with environmental permitting, and provided oversight during construction and establishment.

Key Components

- Conservation measures
- Wetlands
- Construction Quality Assurance
- Cost estimating
- Rehabilitation of flood control & water retention dams
- Soil and water control structures

Adams Park / John Creighton Boulevard Green Infrastructure
Omaha, Nebraska
Vireo



CLOISTERS ON THE PLATTE SPIRITUAL RETREAT CENTER

OMAHA, NEBRASKA



Cloisters on the Platte is a non-denominational spiritual retreat nestled among the Loess Hills of Nebraska, overlooking the Platte River Valley between Omaha and Lincoln. Each element of the site and landscape is intended to support and enhance the Catholic tradition of Ignatian retreats. During the silent retreats, participants will have the opportunity to explore more than 200 acres of tranquil natural beauty, ornate gardens, and trails for reflection and contemplation.

The Cloisters includes a Main Retreat

Center, Chapel, seven lodges with ten bedrooms each, and a stunning Stations of the Cross Sculpture walk. Artists from around the world have been assembled to create this immersive, larger-than-life installation of sculptures depicting the crucifixion of Jesus.

Vireo has taken a critical role in the master planning, site design, road alignment, grading, design of water features, trail design and design of multiple courtyards and plazas from schematic design through construction observation.

above & top right:
Cloisters on the Platte
Omaha, Nebraska
Vireo

right:
Highlander Development
Omaha, Nebraska
Vireo

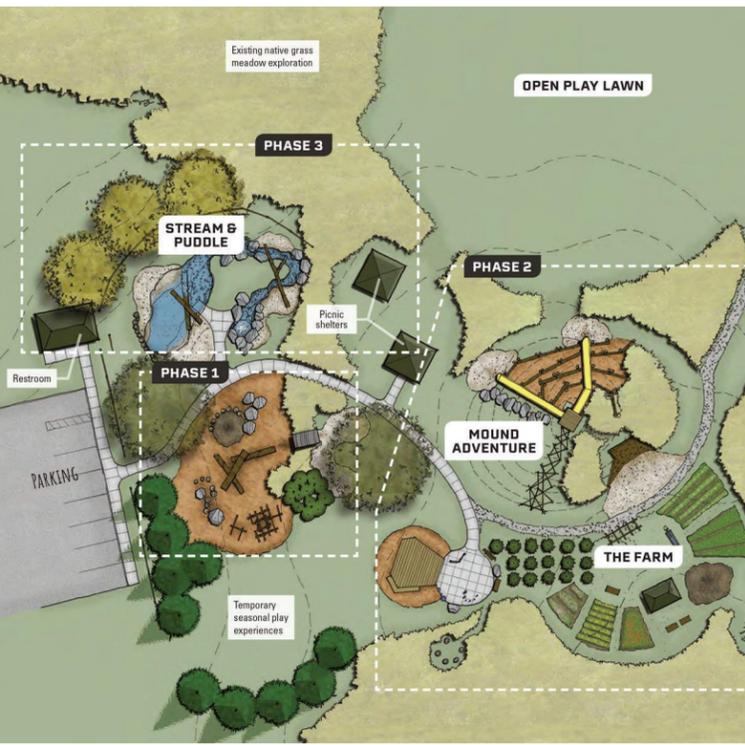
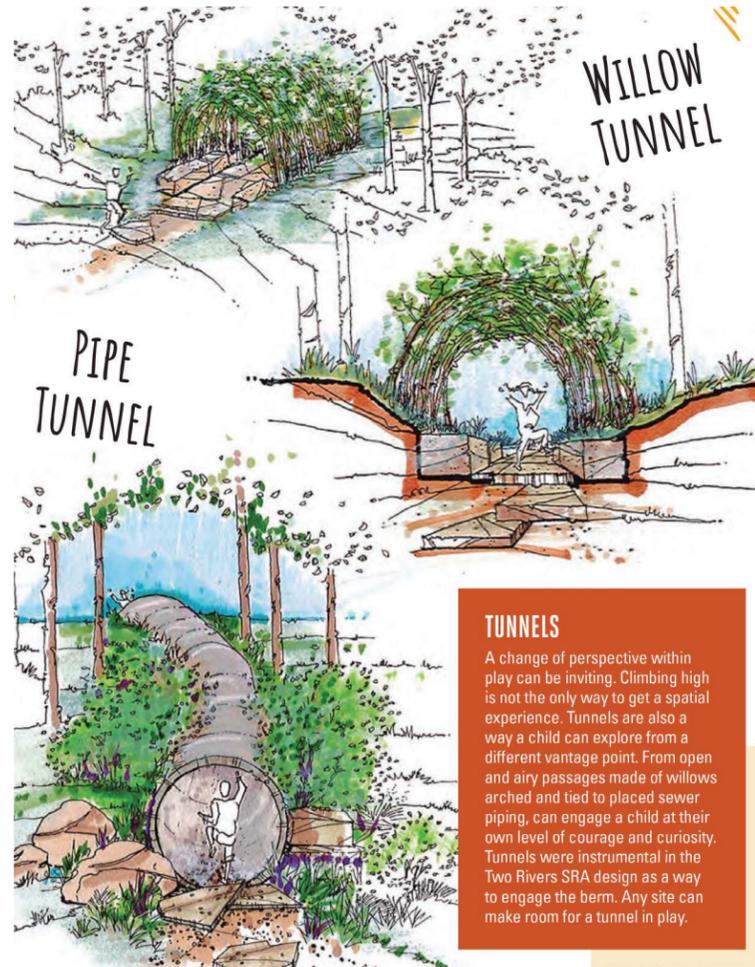
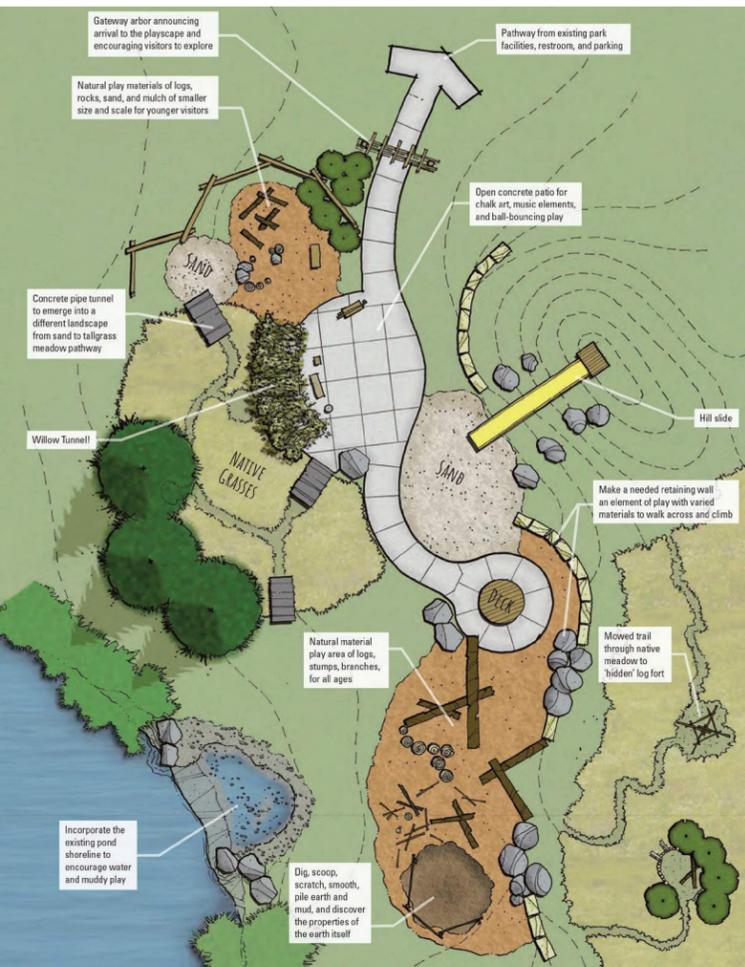
HIGHLANDER DEVELOPMENT

OMAHA, NEBRASKA

The Highlander/75 North project is a mixed-use development, which includes a range of housing from single-family detached, courtyard and multifamily apartments, duplexes, senior living and work/live units. It is being built alongside the 'accelerator' - which is a small business incubator or innovation hub, urban farming center, and the reinvestment of the Howard Kennedy Elementary school.

Vireo and the project team prepared a master plan and construction documents to redevelop the former 23-acre Pleasantview Homes housing project into a mixed-use, mixed-income community that would attract residents from all socio-economic and demographic groups.





NATURAL PLAYSCAPES GUIDE

NEBRASKA

Natural playscapes allow children and designers to think outside the box when it comes to playgrounds. Vireo collaborated with the Nebraska Game and Parks Commission to develop a publication that outlines how natural playscapes provide places for exploration and allow a child to take it from there. Vireo's graphics were drawn to inspire creative solutions for play environments that make use of topography, repurposed and natural materials, and a site's existing context. The manual also demonstrates a thorough planning, design, and management process for natural playscape development to ensure safety and success in the long run.

Natural Playscapes Guide
Vireo

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Shuai Hao of Sasaki conducts ZOOM Design Critiques with UNL Students
University of Nebraska - Lincoln

DESIGN
TOWER SQUARE: LINCOLN, NEBRASKA
13TH AND 'P' STREET

Perspective

Section-Elevation

STUDIO II
PHASE 2: URBAN PLAZA
OLIVIA BERCK

Shuai Hao

Yujia Wang

Olivia Berck

Jace Armstrong

Wijdan Almamari

Contributed by Mark Hoistad, the Director of the Landscape Architecture Program and Professor of Architecture at UNL.

LANDSCAPE ARCHITECTURE AT UNIVERSITY OF NEBRASKA-LINCOLN

Landscape Architecture at the University of Nebraska, despite the challenges of COVID-19, is focused on its mission and introducing students to the big challenges of the day. The College mission statement:

We create a resilient, healthy and beautiful world, within a diverse and inclusive culture of rigorous inquiry and innovation, united by the transformative power of planning and design

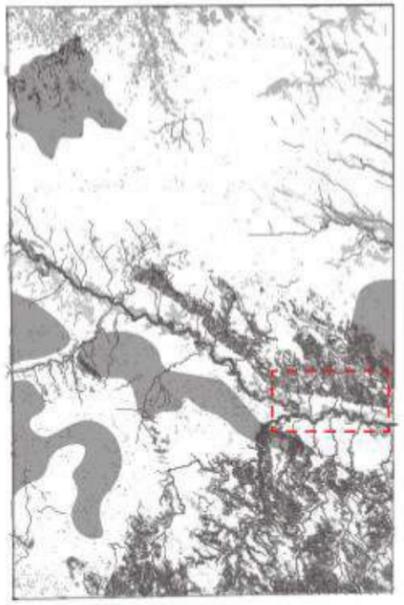
continues to drive our efforts. Operating through various online, hybrid and in-person classes and following the University's preventative framework, we have managed to continue delivering a challenging and high-quality education to our students.

We have all learned a great deal more about online communication. Our faculty have gotten quite good at operating on

ZOOM and the use of collaborative online platforms in their studios. While none of us believe the online world will replace in-person studio in the future, many new things have come out of this experience that will change the way many of us pursue studios and design education in the future. One of those changes is our access to guest critics. Shuai Hao with Sasaki and Patrick Cullina, the plants consultant for the High Line and Hudson Yards, each shared their expertise with our students.

Further, as our alumni have distributed themselves across the country, we now, through ZOOM, can draw on them and other professionals for reviewers and speakers. So while the walls close in on us in one way, they are disappearing in another. We do not believe life will just reset to what it was before. There is a significant

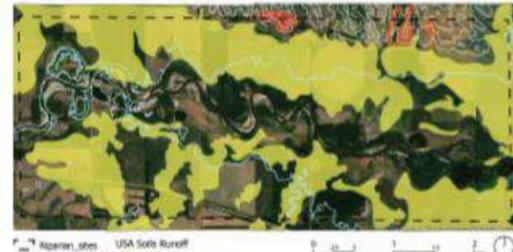
Identifying Opportunities for Riparian Buffers



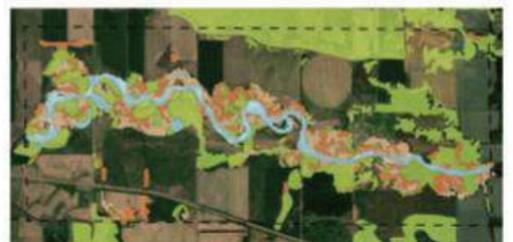
Site Suitability Composite



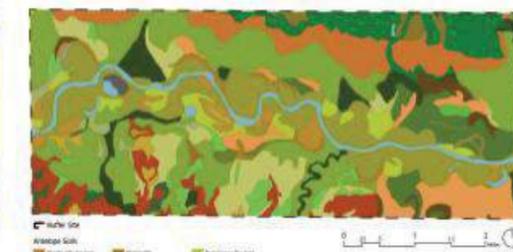
Site Erosion and Slope Levels



Site Runoff



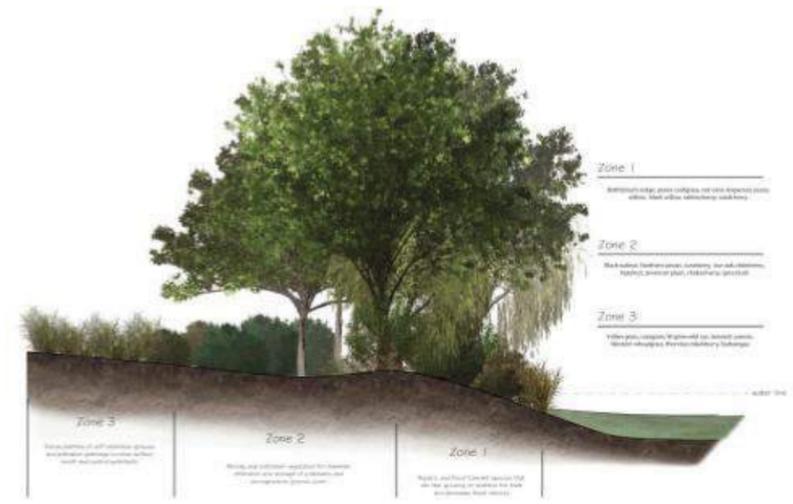
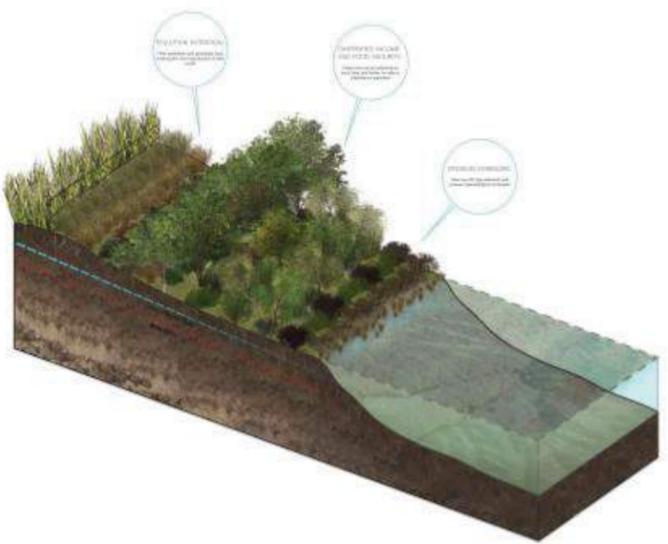
Site Land Cover



Site Soils

Edible Buffers Along the Elkhorn River

This project identifies locations along the Elkhorn River in Antelope County susceptible to bank erosion and water pollution. The design objective is to implement new plantings in critical areas along the river to create a more continuous and effective riparian buffer while improving crop diversity for surrounding farmers.



conversation about leveraging the best of in-person and the best of online. I am sure the professional world is doing the same as firms think about life after COVID. While larger firms, with multiple offices, have managed collaboration between them to leverage expertise and people power and flex-time options have allowed a measure of flexibility in the work-life equation. COVID has taken this to a whole new level and to a much finer grain than was the case in the past. Questions that ask which activities really require in-person participation and what can be done online are being asked by everyone. This might be an interesting article in a future newsletter as different firms relate the changes this period has brought into being in their work environments. Despite all the past year's challenges, the faculty and students have been busy taking on the important issues facing contemporary society.

Professor Sarah Karle has been exploring the question 'How can the landscape architecture profession improve people's health, increase rural food access, and protect the soil through planning and designing agroforestry systems?' This semester her studio explores the potential for landscape architecture in rural Nebraska by participating in the [Landscape Architecture Foundation's Green New Deal Super Studio](#). The studio is creating a 21st-century vision for a New Deal legacy project, The Prairie States Forestry Project (PSFP), as a catalyst for climate-resilient agricultural practices across the state. Gary Bentrup, Research

Landscape Planner for the USDA National Agroforestry Center, advises the studio. The students participated in the 2021 [University of Nebraska Food Systems Summit: Building Resilience in The Nebraska Food System](#) and will present their work to [UNL's Regional Food System Team](#). During the semester, local guest speakers, with a range of experiences from farming to policy, broaden the studio dialogue and contribute to student project development, including Regenerate Nebraska founder Graham Christensen; Executive Director for Community Crops Megan McGuffy; GIS Specialist for the US Forest Service Todd Kellerman; and Farm Bill expert Associate Professor Brad Lubben.

Over the summer, third-year landscape architecture Student Shelby Warrick, working with Sarah, assisted the Game and Park's Commission on a Cultural Landscape Inventory for Fort Kearny State Park. Shelby will present her research, "Fort Kearny State Park: A Cultural Landscape Narrative," at the upcoming Environmental Design Research Association Conference (EDRA). Building upon the cultural landscape inventory, students will have the opportunity to work on a heritage project by participating in a Fort Kearny State Park Collaborate Studio experience. The Fall course will be co-taught by Sarah Karle, Mark Bacon (BVH), and Hannah Jones (Game and Park's Commission) to test master planning concepts spatially at Fort Kearny's State Historical Park.

left: Student Work
University of Nebraska - Lincoln

“Despite all the past year’s challenges, the faculty and students have been busy taking on the important issues facing contemporary society.”

FORT KEARNY STATE HISTORICAL PARK

Justice and Cultural Landscape Narratives

Shelby Warrick and Sarah Karle



Figure 1

Introduction

- The retelling of American Fort History routinely concentrates on white perspectives, disregarding the experiences of minorities.
- Thus far, Fort Kearny's history has been no exception to this pattern, perpetuating damaging tropes of white men keeping the peace and providing protection for the Indigenous Peoples whose land they're invading.
- Through conducting a Cultural Landscape Inventory and using the Literature Review Method, this research aims to highlight untold narratives of how the landscape impacts history in an intersectional level.
- Kearny became a State Historic Park in 1959 and is part of a Historical District today, with a neighboring State Recreational Park.
- Currently, the State Historical Park is in the process of undergoing master planning on the site in order to welcome and engage visitors in an authentic and culturally relevant experience, and one that expresses a more inclusive narrative by highlighting the story of the Indigenous Peoples living near the Oregon Trail. The following research seeks to examine the narratives expressed during the park planning period in order to aid in more inclusive storytelling in the future.

Methods

Cultural Landscape Inventory

- Identifying key archival priorities for historical research
- Collection of maps, architectural drawings, manuscript letters, and other archival records
- Highlighting key CLI Categories based on findings

Literature Review Method

- Synthesizing archival research
- Developing an annotated bibliography
- Determining gaps in cultural narrative

Results

National Register Information

Priority Areas of Research

- Significance Criteria
- Period of Significance
- Key Historical Themes

Primary Source

- National Register Document

Key Results

- Fort Period Well Defined as 1848-1871

Opportunities

- Identify other periods and narratives to contribute to National Register Criteria, namely the pre fort period

Plan Graphics and Inventory

Priority Areas of Research

- Historical Park Site Boundaries
- Historical Maps
- Archaeological Surveys
- Architectural Drawings of Structures

Primary Sources

- National Register Document
- J Greg Smith Article
- Grange Documents
- Design Charrette
- SHPO Reconstruction

Key Results

- Site Boundary Clearly Defined
- Several Historical Maps and Site Surveys Located

Opportunities

- Generate a Site Survey
- Create Period Plans Using Historical Maps and Aerial Photos
- Locate SHPO Reconstruction Documents
- Complete an Updated Archaeological Dig

Chronology and Physical History

Priority Areas of Research

- Current Historic Name
- Cultural Landscape Type
- Chronology of Major Events
- Associated Names
- Physical History

Primary Sources

- National Register Document
- Restoration Plan

Key Results

- Timeline of Events Well Defined for Fort Period
- Physical history of structures on SHP Site Defined for Fort Period and through the 1960s

Opportunities

- Locate Information on the Pre-Fort Period and the Park Planning Period
- Find More Information on the Physical History of Areas Adjacent to the State Historical Park

Future Directions

Gaps in Data

- Locating Master plan from 1948
- Further research on surrounding community: Indigenous Peoples and the Platte River Valley

Master Planning

- Using findings to aid in an updated master plan for Fort Kearny State Historical Park

Racial Justice

- Investigate the fort's impacts on the Indigenous Peoples living near the fort



Figure 2



Figure 3

Acknowledgments

This work was supported by UNK's department of Public History, UNL's program of Landscape Architecture, and Nebraska Game and Parks Commission.

Sources:

Clark, Ken, and Larry Enerson. Rep. Fort Kearny Restoration. Lincoln, NE: Clark and Enerson, 1948.
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 United States. United States Department of the Interior National Parks Service. National Register of Historic Places -- Inventory Nomination Form. Kearney, NE: United States Department of the Interior, National Park Service, 1969. 1-9.
 Figure 1: Fort Kearny Aerial Photo 1. Photograph.



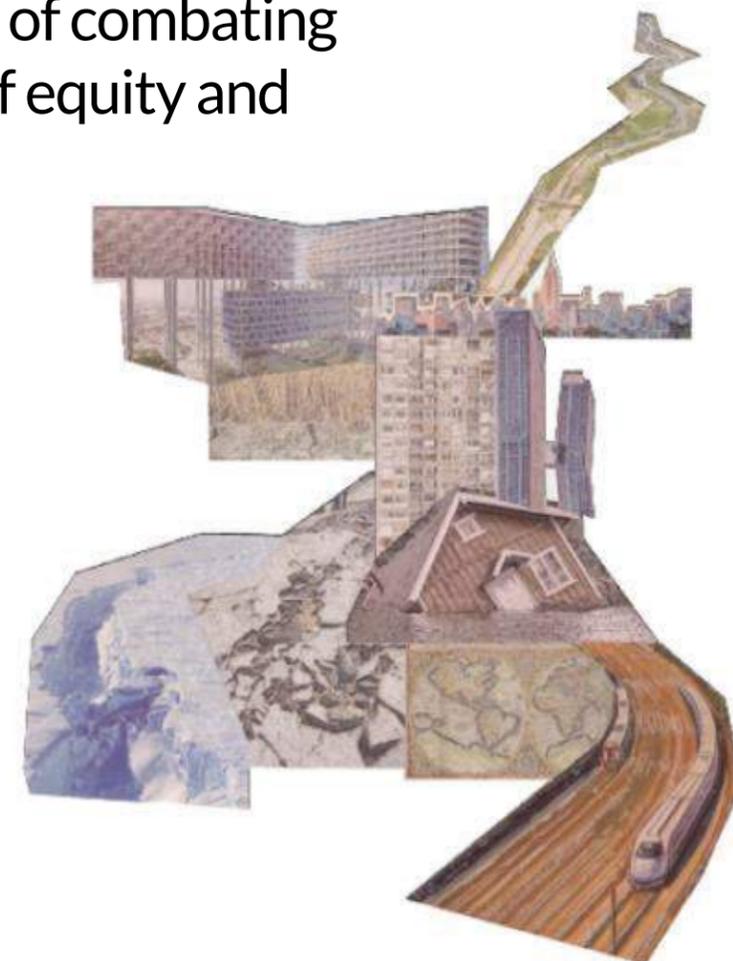
Student Work
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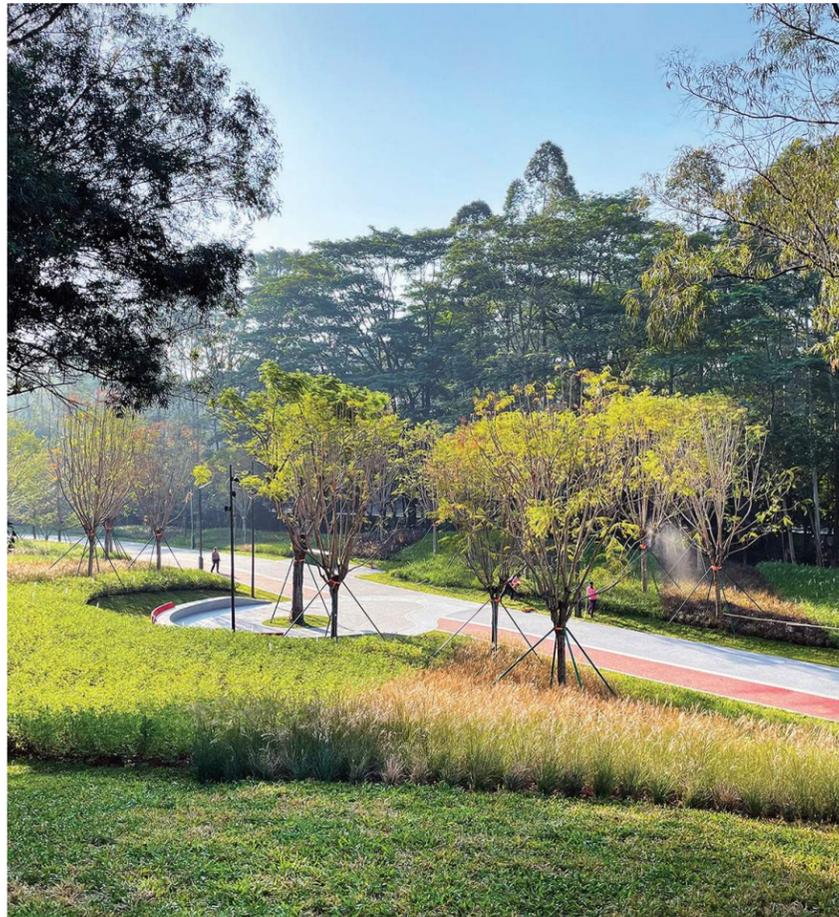
Salvador Lindquist's fourth-year studio dubbed "POST-Studio" was a multidisciplinary collaborative studio between architects and landscape architects exploring the relationship between land, environmental justice, climate change, and design activism. This studio participated in the [Landscape Architecture Foundation Green New Deal Superstudio](#), where academic design studios across the country explored critical themes outlined by the recent Green New Deal climate proposal. As documented on the studio website (www.postgndstudio.com), students were tasked with acting as design activists advocating for issues developed through design research methodologies: research on design, research for design, and research through design. Geographically, the studio focused on historically redlined areas of Omaha. Projects that emerged from this framework include *Phyto: Lead Remediation in Omaha*, *the Stockyards Social Condenser*, *Mingling Dispositions: Food Access in Downtown Omaha*, *Re(d) framed: Job Training in Marginalized Communities*, and *Dream Home: Skepticism in the American Suburbs*. Within the studio, the students were asked "what does it mean to be a design activist," "what is the relationship of architecture and land," and "how do we, as stewards of the environment, critically respond to ongoing and contentious political discourse?"

“Urban scale landscape operations are also crucial to the success of combating larger systematic issues of equity and climate change.”

Yujia Wang's studio posits that landscape architects are playing an increasingly visible role in the deepening integration of disciplines to effectively define the future of cities and communities. Public landscape has proven to be important in providing a coherent urban structure, framing, and energizing developments, and addressing urban risks. Urban scale landscape operations are also crucial to the success of combating larger systematic issues of equity and climate change. His LARC310, the third-year landscape architecture studio challenges the students to work on these issues with a 10-year Landscape Vision for an urban district in Omaha, Nebraska. Working in groups, students immerse themselves in the larger discussions beyond the scope of landscape architecture to form their understanding and ideas on social and environmental equity by authoring a manifest. Employing a series of tools transferred from European spatial planning, they developed and evaluated scenarios and identified the required actions and developments to form a Vision for the urban district of Benson. This evolved into an investigation into how a proposed social and spatial structure could translate into provisions and potential funding from the Green New Deal at the local level, and at the same time reduce gentrification by supporting the local community.



Yujia Wang; Wang@unl.edu; LARC310 Towards New Urban Frontage. Part of National Green New Deal Super Studio. Fall 2020. Student Work



Yujia is also busy monitoring the construction of the Huangqi Greenline Park he designed. It is one of the ten key civic projects of the city of Dongguan in Guangdong, China. The two-phased project will provide a linear park of 2.8 km long, connecting Dongguan's Central Business District with its ecological core, and providing a variety of programs serving people of all ages. Yi Chang Landscape and Planning, where Yujia Wang is a Partner and Principal-In-Charge for the project, is the lead landscape architecture consultant. Several segments of the park have been completed to date, as shown in the two photographs. Phase One of the park is expected to open its doors to the public on May 1st, the start of a week-long national holiday in China.

Mark Hoistad's studios have been focusing on approaches to (re)designing the city in ways that

Huangqi Greenline Park
Dongguan in Guangdong, China
Yi Chang Landscape and Planning



make them more sustainable and resilient while at the same dealing with the challenges of crafting greater densities, managing precious resources, integrating nature, and exploring new programmatic combinations. This pursuit has couched in a framework that starts with the need to address survival, consider ecological considerations, include the presence of heritage all leading toward the creation of communities that have purpose and a positive future. Employing different scenarios that have included the creation of planned eco villages, transit-oriented development, blending natural and human ecological systems, and this past semester, the exploration of the hyper-local in the conversion of cities into a collection of 15-minute cities. These studios explore how we can transform the unsustainable city into one that leverages natural assets, views pedestrian circulation as the most sustainable form of transportation, considers the performance of the landscape in the



reduction of our carbon footprint and builds a fair and just community where everyone has access to public space. The big question to be answered is how cities can do this through enlightened, incremental, and strategic change.

Mark continues his work on urban cultural landscapes where heritage preservation and assistance to local people is blended with the economic development of tourism in
Student Work, Darby Buckley
University of Nebraska - Lincoln



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the heritage locations. This past summer, while not able to travel to China, he continued to develop his previous efforts in the old city part of Yulin in northern Shaanxi Province. This particular part of China includes loess soil which has facilitated the unique development of cave houses. The project explores how many can be restored and repurposed in this partnership between the land and human settlement.

The LA program at the University of Nebraska-Lincoln is committed to finding solutions and strategies that will address the pressing needs of our time. We welcome your interest and participation in our Program. If you would like to participate in our studio reviews, have a research project you would like to partner with our students or faculty on, or would like to provide an internship experience for our students, please do not hesitate to contact me and we will be happy to talk about how we can work together. My email is mhoistad1@unl.edu.

Mark Hoistad's Work
Yulin in Shaanxi, China
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Typology designed by Designworks,
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ADVOCACY FOCUS

Contributed by Chris Brandriet & Dennis E. Bryers, respectively

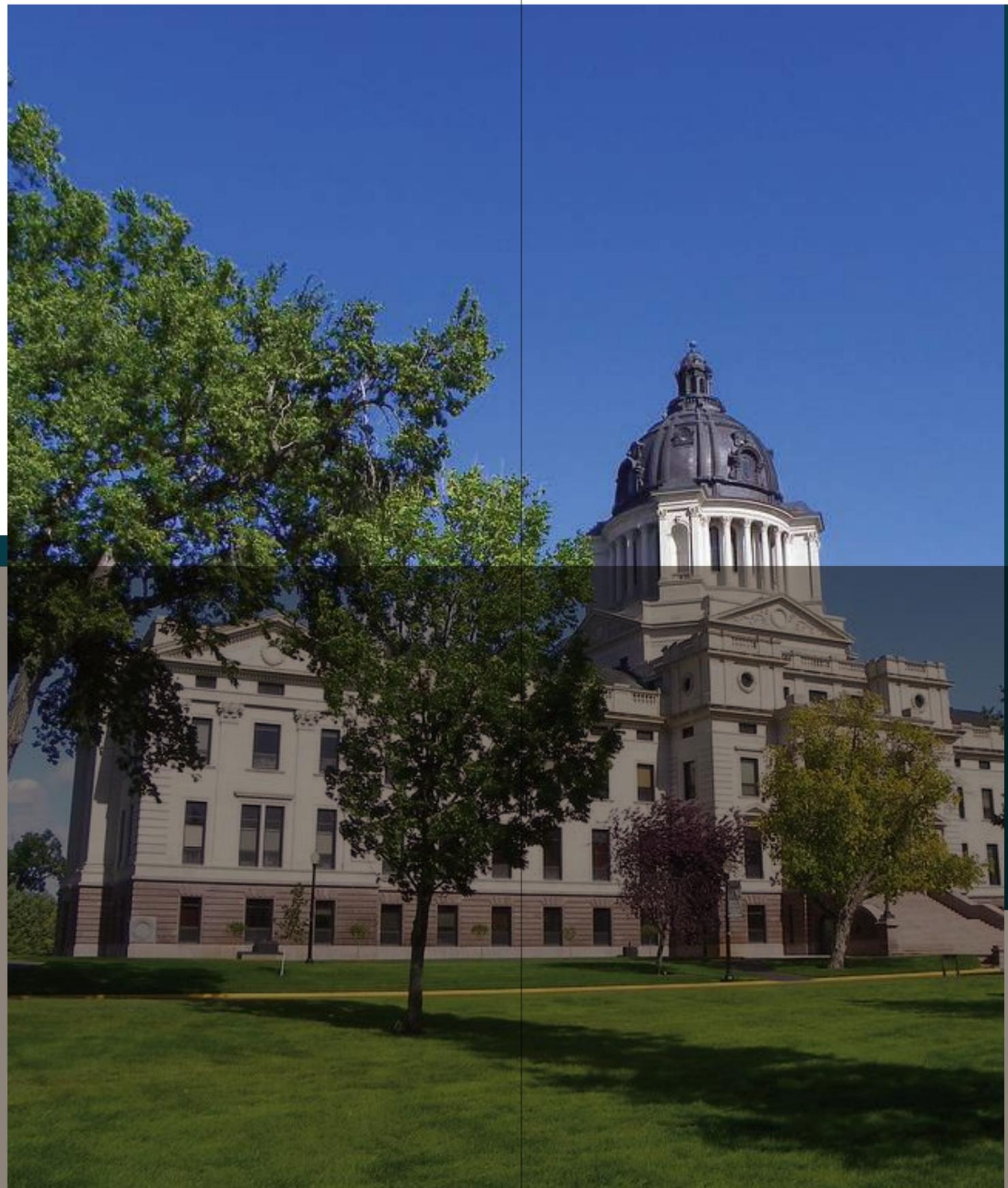
ADVOCACY IN SOUTH DAKOTA

Landscape architects are licensed in all 50 states and the District of Columbia. This professional landmark takes a lot of effort to preserve! In South Dakota, the Nebraska Dakotas Chapter of ASLA participates in the Design Professionals Coalition (DPC), whose purpose is to:

“promote improved state and local government to protect, preserve, and furtherance of the technical professions and public health, safety, and welfare; and to strengthening of American institutions so as to foster economic and social environments in which the Organizations and other businesses can flourish and prosper.”

This coalition consists of representation from various professional organizations in the Design/Engineering Industry throughout South Dakota and is represented by lobbyists at our state capital during the legislative sessions. Through the lobbying efforts, we have been able to monitor, oppose, or support proposed legislation as a group, providing a stronger collective impact.

For state issues in South Dakota through the 2021 legislative session, 104 bills introduced were



South Dakota State Capitol Building
Pierre, South Dakota
J. Stephen Conn

tracked by DPC. These bills had content that applied or could apply to our various professions. Of the 104 bills, roughly 20% were signed into law. Of the roughly 20% signed into law, DPC had an active role in four bills, which included testifying at committee hearings or lobbying the content through the process. A few highlights on controversial bills and the outcome are summarized below.

SB134 - An Act to limit the required application of green building standards. This bill proposed to remove the requirement for state buildings to meet or exceed high-performance green building standards. The DPC was active, along with other organizations, in challenging some content of this bill. In an effort to reach a compromise, we requested an amendment to keep the green standard requirement but reduce requirements for renovation and HVAC projects. The content of the bill was ultimately amended to include these requested changes, and the bill was signed into law.

SB74 - An Act to revise certain provisions regarding drones. This bill takes specific changes made to the invasions of privacy criminal law, and applies them to drone use. The DPC found potential flaws with the language of the bill when operating drones for business use. For example, uncontrolled landings would be considered criminal trespassing. As we look at the use of technological advancements within our industry, we didn't want to limit or remove this potential opportunity as a tool with questions of liability. The DPC lobbied to amend the bill to remove trespassing charges for operators and business use. The content of this bill was amended with requested changes, and the bill signed into law.

These are just a few of the potential pieces of proposed legislation for 2021 in the State of South Dakota. Of equal importance to mention, each year rhetoric increases for reduced licensure law and government oversight. It is essential for all of us to be active and monitor proposed changes that may affect our industry. This year COVID-19 opened up committee testimony to the public virtually through online chat platforms. Previous sessions required in-person testimony in favor or opposition of bills. If this option continues, becoming active will be easier for us all, and members of the public are encouraged to provide input. We must continue to be heard on issues that affect our industry and continue to educate the public on what we do as landscape architects. Protecting the health, safety, and welfare of the public is at the forefront of our profession.

Chris Brandriet, PLA, ASLA serves on the governing board for the Design Professionals Coalition of South Dakota.

VALUING PROFESSIONAL LICENSING IN THE US

CONTRIBUTED BY DENNIS E. BRYERS, FASLA, PLA

The Alliance for Responsible Professional Licensing (ARPL) recently commissioned Oxford Economics to produce a first-of-its-kind quantitative research study to explore the impacts of professional licensing in highly complex, technical fields. The end result is the report “Valuing Professional Licensing in the US.” As calls for the deregulation of professional and occupational licensing expanded across the country, many of the bills proposed discarding licensing systems for all occupations and professions. It was rare that these bills were narrowly tailored to address specific trades. ARPL wanted to see if there was a difference between professional licensing and occupational licensing. Here is what their research found:

- Across all professions and occupations, licensing is associated with a 6.5% average increase in hourly earnings, even after accounting for the job holder’s educational attainment, gender, and racial demographics.
- Among professionals in technical fields requiring significant education and training, a license narrows the gender-driven wage gap by about one-third and the race-driven wage gap by about half.
- Minority engineers, surveyors, architects, landscape architects, and CPAs can expect an 8.1% hourly wage increase on average after becoming licensed in their field.

- Female engineers, surveyors, architects, landscape architects, and CPAs can expect a 6.1% hourly wage increase on average after becoming licensed in their field.
- Both white professionals and male professionals were shown to benefit from licensing too but to a lesser degree. White engineers, surveyors, architects, landscape architects, and CPAs can expect a 2.9% hourly wage increase on average after becoming licensed; and males in these professions can expect a 0.7% hourly wage increase after becoming licensed.
- Those in trade and vocational occupations (e.g., barber, plumber, etc.) can expect a 7.1% hourly wage increase after becoming licensed. In contrast, those in a profession requiring advanced education and training (e.g., engineer, architect, etc.) can expect a 3.6% wage increase after becoming licensed.

To download a copy of the full report, an executive summary, or the key findings, go to the ARPL website at www.responsiblelicensing.org and click on “Oxford Report.”

“As calls for the deregulation of professional and occupational licensing expanded ... many of the bills proposed discarding licensing systems for all occupations and professions.”

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SILVER

VALUING PROFESSIONAL LICENSING IN THE US

A REPORT FOR THE ALLIANCE FOR RESPONSIBLE PROFESSIONAL LICENSING

JANUARY 2021

ARPL Alliance for Responsible Professional Licensing

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