



INSTITUTE FOR  
ENVIRONMENTAL SOLUTIONS

# 2021 ANNUAL REPORT



The Institute for Environmental Solutions  
delivers scientific solutions to improve our  
health and environment

[www.i4es.org](http://www.i4es.org)



# INSTITUTE UPDATES

## OUR WORK

The Institute for Environmental Solutions (IES) is a Denver-based independent nonprofit organization founded in 2004 that engages a broad spectrum of stakeholders and develops sound, cost-effective solutions to environmental challenges. IES solves environmental problems and protects Colorado's water and air with pollution prevention and reduction programs.

IES focuses on improving the environment and reducing water and air pollution by partnering with individuals, businesses, and communities in Colorado.

## 18 YEARS OF SCIENCE-BASED ENVIRONMENTAL IMPROVEMENTS & TRAINING LIFE-LONG ENVIRONMENTAL STEWARDS

Partnering with Coloradans in the science of environmental improvement, IES programs provide innovative ways to clean the water you drink and the

TRAILS students learning about their natural environment.



air you breathe. IES provides accessible, efficient, and cost-effective solutions to complex environmental issues such as climate change and community health.

We work to reduce air and water pollution, energy consumption, and greenhouse gas emissions through multi-disciplinary approaches grounded in objective science and supported by diverse stakeholder groups. Please review our stakeholder newsletters at [www.i4es.org/ies-newsletters/](http://www.i4es.org/ies-newsletters/) over the past decade for details about our community-based programs.

## ANNOUNCEMENT FROM THE IES BOARD OF DIRECTORS

Since 2004, IES has delivered scientific solutions to improve our health and the environment. However, the continued economic and resource challenges of the pandemic have affected our ability to provide programs and services at this time. Like many nonprofit organizations, IES has been unable to retain or recruit competent and energetic team members at all levels of the organization since spring 2021. As a result, the IES Board of Directors decided to suspend IES operations, effective September 2021. The IES Board of Directors is working with IES Executive Director Emeritus, Carol Lyons, to determine the future of the organization. The Board of Directors will meet at least biannually to ensure that the organization meets all obligations.



IES at Earth Day 2021, Creekside Park, Wheat Ridge.





# THE TREE PROJECT

**We improve Colorado cities through multi-disciplinary partnerships and urban forestry programs. We:**

- Improve the environment and community health
- Educate children and adults to become environmental stewards
- Engage community members to rehabilitate, improve, and maintain urban natural resources

In spring 2021, the Tree Project conducted the 2021 Wheat Ridge Restoration Project (WRRP) which marked the 6th year of partnering with Kullerstrand Elementary School and the 9th year of partnering with Wheat Ridge Parks and Recreation Department.

Project goals included:

- **Improving Wheat Ridge's local environment**
- **Revitalizing areas impacted by environmental degradation**
- **Providing education opportunities to Wheat Ridge children and community members**
- **Continuing IES's strong collaborative partnerships with local stakeholders**

IES conducted two education workshops with Kullerstrand's Teaching Responsibility and Independence through Learning Supports (TRAILS) program and one planting day at Kullerstrand Elementary School. In addition, IES also implemented a second planting day at Creekside Park with IES volunteers. In total, 9 trees, 18 shrubs, 15 grasses, and 40 pollinating herbaceous plants were planted between the two project locations.

IES suspended the annual fall planting program in Sheridan, Colorado, due to COVID-19, but worked with Fort Logan Northgate School and Sheridan School District No. 2 to support a watering and care program at previous planting sites during the spring and fall semesters in 2021.



Kullerstrand TRAILS students learning how to plant.



TRAILS class at Planting Day, Kullerstrand Elementary.



Volunteers at the Creekside Park Planting Day.



# CHEMICAL FOOTPRINT PROJECT

The mission of the IES Chemical Footprint (CFP) Project is to protect human and environmental health through preventing harmful chemicals in personal care and household products in our water. The IES CFP Project uses scientific research and community-based social marketing strategies to develop and implement workshops and other educational initiatives that engage local stakeholders to learn about these contaminants of emerging concern and how to sustainably reduce their chemical footprints.

The project goals are based on the hypotheses that prevention of trace contaminants in water is cheaper, more effective, and more sustainable than treatment and that school, community-based, and virtual workshops are effective methods for behavior change to prevent water pollution by contaminants of emerging concern (CECs).

Building on the virtual Reduce Your Chemical Footprint workshop for the Leadership Class at Fort Logan Northgate School in November 2020, the CFP Project team began planning a virtual Reduce Your Chemical Footprint workshop series made up of four workshops. The workshops are designed to teach students about:

- **The water cycle and water pollution**
- **CECs and chemical footprints**
- **How students can reduce CEC exposure and pollution**
- **How students can share their knowledge with other community members**

The workshops will focus on hands-on activities, like Do-It-Yourself product making, to engage students on the topics presented and enable them to apply their knowledge to minimize their exposure to CECs and decrease water pollution.

IES hopes that participants will reduce their chemical footprints and empower others in their communities to do the same. The collaborative workshop series aims to engage and educate local stakeholders to encourage them to build a path to become robust environmental leaders and stewards in their communities.





# CONTRIBUTORS AND FINANCIAL REPORT

## BOARD OF DIRECTORS

Kristen Bertuglia, Director, Environmental Sustainability Department, Town of Vail  
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 Tony Miller, Chemical Engineer, P.E.  
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## STAFF MEMBERS

Alana Burrow, Administrative Director  
 Danielle Granquist, Graphic & Website Designer, Golden Marketing  
 Jesse Johnson, Videographer, IOTK Media  
 Carol E. Lyons, Executive Director *Emeritus*  
 Carrie Martin-Haley, *Temporary interim* Executive Director  
 Laura Prickett, Wheat Ridge Project Manager

## GRADUATE INTERNS & PROJECT ASSOCIATES

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 Julia Hrycyk  
 Caitlin Jacobshagen  
 David Lou  
 Alex Modrzejcki  
 Hailey Smalley  
 Catherine Trowbridge  
 Jordan Truitt  
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## IES TREE STEWARDS

Jon Berquist Adam Miller  
 John Brooks Peggy Muldoon  
 Catherine Lynnea Ossello  
 Dougherty Kelly O'Toole  
 Art Hertel Betty Jo Page  
 Leanne Iscaro Rob Robinson  
 Susan Keller Jeri Sampson  
 Lloyd Levy Elise Vinson

## TREE PROJECT STEERING COMMITTEE

Desiree Cunningham, U.S. General Accountability Office  
 Donna Davis, Colorado State Forest Service  
 John Kelly, Xcel Energy  
 Sabrina Kleinman, Owner/ Partner, Enviroplan Partners, LLC  
 Lloyd Levy, Lloyd Levy Consulting  
 Sean Mangus, Iron Mountain, Inc.  
 Milly Nadler, Colorado Academy retired  
 Kelly O'Toole, BLM Colorado

## CHEMICAL FOOTPRINT PROJECT STEERING COMMITTEE

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 Randy Putnam, CWP, MBA  
 Kim Schultz, The Endocrine Disruption Exchange  
 Susan Sherrod, Ecologist  
 Andrea Stucky, Colorado Department of Public Health and Environment

## FINANCIAL REPORT

*IES's monetary support comes primarily from grants that we apply for from corporate and private foundations, and from local and state government agencies. Individual donors provide necessary operating funds. Over 90% of contributions and funding directly support projects, which includes project materials, trees, shrubs, grasses, outreach materials, technical equipment, educational and workshop materials, and modest stipends to project staff members. Many program activities were delayed again in 2021 due to the COVID-19 pandemic and, eventually, IES's program hiatus.*

	ADMINISTRATION & FUNDRAISING	PROGRAMS	TOTAL
<b>INCOME</b>			
Grants	\$6,253	\$49,670	\$55,923
Interest	\$42	-	\$42
Unrestricted Board Contribution	\$1,900	-	\$1,900
Unrestricted Contribution	\$8,041	-	\$8,041
Fund transfer from 2020	-	\$33,278	\$33,278
<b>TOTAL INCOME</b>	<b>\$16,236</b>	<b>\$82,948</b>	<b>\$99,184</b>
<b>EXPENSE</b>			
<b>DIRECT EXPENSE</b>			
Dues, training	-\$53	\$114	\$61
Insurance	\$229	\$458	\$687
Internet, website, telephone	\$42	-	\$42
Meeting / conference supplies	\$17	\$62	\$79
Office supplies	\$214	\$1,026	\$1,240
Printing, publications	\$177	\$1,222	\$1,399
Project supplies	-	\$22,257	\$22,257
Transportation	\$35	\$271	\$306
<b>TOTAL DIRECT EXPENSE</b>	<b>\$661</b>	<b>\$25,411</b>	<b>\$26,072</b>
<b>LABOR</b>			
Administrator	\$1,170	\$1,510	\$2,680
Executive Director	\$2,010	\$5,560	\$7,570
Project Staff	\$1,515	\$20,471	\$21,986
Graphic Design	\$400	\$1,950	\$2,350
Videographer	-	\$1,800	\$1,800
<b>TOTAL LABOR</b>	<b>\$5,095</b>	<b>\$31,291</b>	<b>\$36,386</b>
<b>TOTAL EXPENSE</b>	<b>\$5,756</b>	<b>\$56,702</b>	<b>\$62,458</b>
<b>NET INCOME</b>	<b>\$10,480</b>	<b>\$26,246</b>	<b>\$36,726</b>
Xcel Energy grant pending	-\$2,000	-\$18,000	-\$20,000
Fund transfer to 2022			\$16,726



# SPONSORS AND DONORS

## 2021 DONORS

Thank you 2021 donors! We could not do it without you.

### **RIVER WARRIOR (\$1,000 TO \$2,499)**

Elizabeth Gardener, Denver

Briana Gunn, Denver

### **ALPINE ADVOCATES (\$500 – \$999)**

The Mark and Nina Kuhl Family Fund, Denver

Sean Mangus, Broomfield

Mark & Diana Stucky, Castle Rock

Richard Walker, Erie

### **TREE HUGGER (\$250 – \$499)**

Tony, Amy, and Tyler Miller, Arvada

### **IES PARTNER (\$100 – \$249)**

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Urte H. Barker, Pasadena, CA

Susan Cuthbert-Peck, Littleton

Gertrude Grant, Denver

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John Kelly, Westminster

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RiverPhil (Phil Russell), Englewood

Andrea Stucky, Denver

The Waltermire Family Charitable Fund, Castle Rock

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Anonymous (2)

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Jim & Lois Theilmann, Aurora

Lauren Young, Louisville

## GRANTS AND SPONSORS

IES thanks our generous sponsors and grant providers!

AmazonSmile Foundation

City of Wheat Ridge

Colorado Combined Campaign

Community First Foundation

DaVita Inc.

H&R Block

Jeri L. Norgren and John Fielder

King Soopers

National Environmental Education Foundation

### **In support of the Tree Project:**

City of Wheat Ridge Outside Agency Contribution Program

National Environmental Education Foundation

Xcel Energy Foundation

KidsGardening.org

Colorado Tree Coalition

Forever Our Rivers

### **In support of the Chemical Footprint Project:**

Wolcott Family Foundation, Denver

### **In-Kind Donors and Partners:**

The TRAILS students at Kullerstrand Elementary

Sarah Dahlberg, Bob Livingston, Jane Reuteler, Cheryl Clay, and Kullerstrand Elementary staff members

Susan Bennett, Zach Lovato, Jim Roemmelt and the Wheat Ridge Parks and Recreation Department team

Mayor Bud Starker, City of Wheat Ridge

City of Sheridan, CO

Fort Logan Northgate School, Sheridan, Leadership students

Sheridan School District No. 2



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