



Healthy Urban Environments (HUE) Initiative ***Request for Proposals - Spring 2020***

About Healthy Urban Environments

Arizona State University (ASU) in collaboration with the Maricopa County's Industrial Development Authority has established Healthy Urban Environments (HUE) as a solutions-focused research, policy, and technology incubator. HUE's goal is to rapidly develop, test, and deploy heat mitigation and air quality improvement strategies and technologies. In collaboration with practitioners and community members, HUE seeks to create healthier urban environments for communities across Maricopa County.

Proposal Overview

HUE seeks to underwrite high-quality, community-engaged, solutions-oriented projects that will be selected from submitted proposals. In 2020-2021, priority will be given to proposals that 1) originate from or prominently feature project leadership from non-ASU organizations, and 2) demonstrate practical, real-world implications or solutions which can be implemented and evaluated within the project's duration of 1 year. Importantly, we seek to leverage and amplify emerging or existing efforts which would benefit from additional financial, technical and logistical support from HUE.

Project Themes

All projects must focus on the topics of developing and implementing solutions in the areas of urban heat and/or air quality. These solutions may fall under a variety of themes, including training and evaluation, demonstration projects, technology development or applied research.

Training and evaluation may include public, workforce, K-12, or management education and capacity building through the development of curriculum, modules, workshops, standards or awareness programs. Demonstration may include field- and site-based pilot applications of design elements, materials, techniques or other innovative approaches which can demonstrate the efficacy in mitigating heat and/or air quality. Technology project elements may involve basic or applied research and development of novel technologies and intellectual property to address urban heat and/or air quality.



Project Teams

Project teams for HUE proposals should be interdisciplinary and reach across stakeholder groups. All project teams must include 1) team members from one or more non-university based organizations or stakeholder groups, and 2) at least one relevant researcher, or research group, based at ASU. Eligible non-university based organizations and stakeholders include municipalities, agencies, community or neighborhood groups, 501(c) non-profit organizations, real estate developers, commercial developers, local businesses, schools, or other relevant local stakeholders not defined here.

Formatting

We ask that all proposals submitted to HUE adhere to the following structure:

1. Project Basis/Justification

Describe the general background of the issue your project seeks to address, your proposed approach, and any relevant evidence, data, experience or scientific merit to justify and support your approach to implementing your solution. This may also include any preliminary results which indicate the success of your approach.

2. Solutions Outcomes

Identify the target solutions themes (see “Project Themes”) and expected outcomes for your project. These may include tools, curriculum, technologies, datasets, monitoring installations, or other resources related to heat and air quality mitigation.

3. Project Team

Please describe the composition of your project team, and what roles and responsibilities each member will serve. If you plan to engage additional partners who are not part of the core project team, please describe these partners and their role relative to the project.

4. Budget

Provide a summary budget for the project.

Proposal Guidelines

Additionally, please note the following guidelines while preparing your proposal:

- All proposals must be submitted by February 14, 2020.
- Project funding will be released beginning April 1, 2020.
- Proposals should be 1 to 2 pages of text maximum, not including references. Please use either Times New Roman or Arial font in size 12.
- Text should clearly explain the importance/basis of the activities and solutions outcome envisioned.



(Proposal Guidelines, continued)

- Funding is generally limited to \$50,000 of direct expenses to be spent within 12 months (although we will allow expenditures to continue in a one-year no-cost extension).
- Funding renewals are not envisioned.
- Brief semi-annual reports and a more extensive final report will be required of each project throughout the award period.
- Any research component of the project must adhere to all appropriate and relevant ASU research protocols, including human subjects review if applicable.

Proposal Submission

Submit completed proposals by via email to Charles Redman (Charles.Redman@asu.edu), Matthew Fraser (Matthew.Fraser@asu.edu) or Melissa Guardaro (Melissa.Guardaro@asu.edu). Priority for funding commitments will be given to proposals submitted by the February 14, 2020 deadline.

Before submitting, if you would like to discuss your proposal further or have an idea and would like assistance finding an ASU researcher or research group to collaborate with, please contact the HUE Project PI's - Charles Redman (Charles.redman@asu.edu) and Matthew Fraser (Matthew.fraser@asu.edu). We would be happy to help our stakeholders and external partners navigate this process.

