

US EPA ARCHIVE DOCUMENT

HIRI NEWS

Urban Heat Island Pilot Project updates

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Urban Heat Island Pilot Project (UHIPP) Updates

Salt Lake City

Grant Proposals

Meryl Redisch (Tree Utah) reported that she and Camille Russell (Utah Office of Energy Services) have three grant proposals pending. They will hear whether they received the Department of Housing and Urban Development (HUD) empowerment zone funding grant this month. This money could be used to offset the cost of retrofitting existing buildings with reflective roofs.

Meryl and Camille will hear from the Utah Power Earth Stewards Program in late January or early February. This grant proposal develops and implements a curriculum for a "Cool Kids" heat island reduction project.

They have also submitted a grant proposal to "Powre," in conjunction with EGI, to analyze data.

Utah Transit Authority (UTA)

Meryl reported that she and Camille are working to encourage the use of concrete parking lots in several Park-n-Ride locations. They are waiting to receive an analysis on the cost difference between concrete and asphalt pavement. Six out of the ten Park-n-Ride parking lots have already been designed with asphalt, but there are several large parking lots still to be designed. Virginia Gorsevski (EPA) noted that she would be interested in receiving a copy of the cost analysis.

Gateway District

Camille is working with a developer to encourage the installation of reflective roofs in the Gateway district, an old, industrial area encompassing 700 acres west of downtown Salt Lake City. Gateway will become a

demonstration site for the reflective roofs program and for strategic tree planting.

Meryl, Camille, and Renee Gluch (Salt Lake City) will attend a training session on Smart Places software, a program that will be used in developing Gateway. The software analyzes transportation, housing, and energy data, among other data, and reports the potential benefits and costs associated with installing reflective roofing.

Salt Lake City County Meeting

Camille met with Salt Lake City County officials to discuss implementing ordinances to promote heat island reduction strategies and made recommendations for the County regarding the use of reflective surfaces. Virginia Gorsevski noted that she would be interested in receiving a copy of the recommendations made to the County.

Database and Map Development

Meryl will contact Renee Gluch (Salt Lake City) to discuss her progress in developing a database with rooftop survey data. She is conducting rooftop surveys in Gateway and at the University to identify the types of thermal

radiation emitted from roofing materials of different ages and types. She also plans to develop maps using the temperature samplings taken in conjunction with the flyover.

Sacramento

Alan Hirsch (Sacramento Tree Foundation), the new Sacramento Cool Communities Coordinator, reported that he plans to convene a conference in Sacramento in March on green buildings, focusing on white roofs, reflective pavements, and parking lots. He asked that if UHIPP coordinators have any suggestions for potential speakers or topics to let him know (at 916-924-8733, 916-924-3803 fax).

Ray Tretheway (Sacramento Tree Foundation) reported that the Foundation is planning to compile a package of information to send to corporate entities to solicit funding. Virginia noted that EPA has been working on a two-page fact sheet for Sacramento that she will send to him to incorporate into the package.

They also plan to give the presentation that Tom Whitney (Sacramento) developed to reach homeowners and address consumer issues.

Ray noted that they are still waiting to find out if they received funding for the "Parking Lots: Eye Sores to Assets" conference planned for next Fall.

Flyover update

Maury Estes (NASA) developed color maps showing thermal variations from the ATLAS data by printing color copies of various sections and pasting them together. These maps are about

three feet wide by five feet tall and can be placed on a wall. Maps are a useful tool for identifying hot spots.

He also discussed his plans to finish georeferencing the data compiled during the flyovers. He will complete the data from Baton Rouge in January 1999, and the data from Sacramento and Salt Lake City by the end of March 1999.

LBNL

LBNL is still working on compiling the air quality data for each of the pilot cities.

American Planning Association (APA) Annual Meeting

Maury, Camille, and Virginia will participate in a panel during the APA Annual Meeting in April 1999, in Seattle, WA, to discuss the Heat Island Reduction Initiative (HIRI), on April 25, 1999, from 10:15 to 11:30 a.m. They will also be submitting a paper, which is due to APA this month. Registration information is available on the APA Website at <http://www.planning.org>.

EPA

Virginia noted that EPA is still revising the 1992 Guidebook.

She also plans to work with the International Council of Local Environmental Initiatives (ICLEI) to develop some implementation tools, such as model ordinances, model building codes, and sample procurement language for the Guidebook. These models or templates could be used to assist cities in developing their own

ordinances and building codes that incorporate HIRI strategies.

Future UHIPP Conference Calls

UHIPP coordinators agreed that the first Thursday of every month from 4:00 to 5:00 p.m. is a convenient date and time to hold future conference calls. Virginia will send an e-mail message to the other UHIPP coordinators to ensure that this is acceptable for all participants.

The next EPA/Pilot City conference call is scheduled for Thursday, February 4, 1999, from 4:00 to 5:00 p.m.
