

student sustainability committee

university of illinois at urbana-champaign



March 11, 2011

University of Illinois at Urbana-Champaign (UIUC)
Student Sustainability Committee
Kishore Rajagopalan
Re: Request for funding from the UIUC Sustainability / Clean Energy Technology Fees
Project: ISTC Campus Water Study
Applicant: Dr. Kishore Rajagopalan

Dear Dr. Rajagopalan:

On behalf of the Student Sustainability Committee for the University of Illinois at Urbana-Champaign, I would like to thank you for responding to our call for proposals to use funds raised by the Student Clean Energy Technology and Sustainability Fees to implement a project that improves the sustainability of our campus. Each proposal was evaluated based on its sustainability impact (i.e. energy or sustainability impact, campus presence, project longevity, and budget) and broader impact (i.e. education and creativity).

The Committee is pleased to inform you that we are recommending to the Office of Sustainability that your project (to conduct a detailed study on water usage at campus central plant and cooling facilities and develop strategies for reducing water reusing and reusing waste water) **receive \$10,000 in grant funding, with the following requirements:** 1) that the project be enacted as written in the proposal, and 2) That all funds provided by the SSC be expended by October 31st, 2010 and that a final report of all work completed and accounting of funds spent be provided to us by November 30th, 2011. If you have any questions regarding these requirements, please contact us at sustainability-committee@illinois.edu.

The Committee will contact you when the Office of Sustainability officially approves this project. At that point, we will discuss the Committee's protocol for financial and progress management to complete this project, and make arrangements for transfer of funds. Semesterly update reports and account statements describing how funds are being used will be required in addition to a comprehensive final report on project completion. The committee must approve all substantial modifications to project scope, budget or timeline. Please note that all implemented projects will be expected to follow the relevant campus policies and procedures as well as any applicable State and Federal laws.

Again, thank you for your interest in improving the sustainability of the University of Illinois at Urbana-Champaign. We look forward to working with you in the future.

Sincerely,

Suhail F. Barot
UIUC Student Sustainability Committee, Chair



Project:ISTC Campus Water Use Study
Funding Source: Sustainable Campus Environment Fee
Funding Amount: \$10,000
Receiving Campus Unit:Illinois Sustainable Technology Center
Unit Financial Officer: Margaret Morrison
E-mail: mmorriso@istc.illinois.edu **Phone:** 217-244-8906
Primary Contact Person: N.Kishore Rajagopalan,
E-mail: kishore@istc.illinois.edu **Phone:** (217)-244-8905
Secondary Contact Person: Jennifer Deluhery
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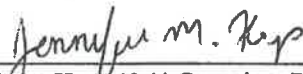
Project Description:

This proposal looks to reduce the usage of water on campus by conducting a study of the "true cost" of water used campus. The project first seeks to determine the quantity of water used and extrapolate the "true cost" of this water. From this point, the project wishes to study the quality of water currently being discharged as "blowdown" with the hope of finding a mechanism of reuse. With this data, pathways of water consumption reduction are expected to be identified. The identification of said pathways will allow for examination of differing methods of water use reduction. Following this, mechanisms of reuse of wastewater in areas such as landscape irrigation will be studied. The project is expected to then result in the ability of water to be reused in whatever locations are most cost-effective. The project itself is not going to result in any tangible change in the short-run, but it is expected to yield data that can be used by campus departments such as F&S for the eventual reduction of campus water-usage. Its goals fall into line with the Climate Action Plan, which outlines a 40% reduction of campus water usage by 2025. Thus, the Student Sustainability Committee is in favor of funding a grant in the amount of \$10,000.

Student Sustainability Committee:



 Suhail Barot, 10-11 Committee Chair




 Jenny Koyt, 10-11 Committee Treasurer

Date Approved: 4/5/11

Date Approved: 4-5-2011

Office of Sustainability:



 Steve Sonka, Vice-Chancellor for Public Engagement,
 Interim Director, Office of Sustainability

Date Approved: 4/9/11