

October 28, 2008

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Dear Dr. Sloss,

It is with great pleasure that I would like to offer my support to the United Nations Environment Programme (UNEP) Mercury Partnership that you are coordinating.

As you know, my professional interests and expertise with respect to the Partnership fall within the context of mercury emissions from large-scale coal combustion. In particular, my research seeks to better understand and develop predictive models for mercury capture by suspended particulates (either native fly ash or injected sorbents) during electrostatic precipitation for particulate emissions control. I believe this concept is directly relevant to the goals and technical needs of the Partnership, as electrostatic precipitation is by far the most commonly used approach for particulate emissions control in India, China, and the United States, the three largest users of coal for electric power generation in the world. As coal combustion is the leading anthropogenic source of mercury emitted into the atmosphere, I believe there are significant opportunities to stimulate mercury emissions reductions in this source category using high-fidelity predictive modeling of the mercury capture process during precipitation.

As an academic, I believe that one of my principal roles is the open development and free dissemination of knowledge. I trust that this professional outlook will be valued by the Partnership, particularly if global mercury emissions reductions are to be realized in developing countries and countries whose economies are in transition.

I look forward to participating in the Partnership in the near future. Please feel free to call upon me as is needed as the Partnership continues to grow and mature.

Sincerely,

Herek L. Clack

UNEP GLOBAL MERCURY PARTNERSHIP REGISTRATION FORM *

Partnership Area

Please check partnership areas that your organization intends to contribute to:

- artisanal and small scale gold mining
- mercury cell chlor alkali production
- mercury air transport and fate research
- mercury in products
- mercury releases from coal combustion
- mercury waste management

Please indicate in your support letter how your organization intends to contribute to each of the indicated partnership areas.

Organization Name

ILLINOIS INSTITUTE OF TECHNOLOGY

**Name,
Functional Title of
Representative**

HEREK L. CLACK
ASSOCIATE PROFESSOR

**Address of
Organization**

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Type of Organization

- Government
- Regional economic integration organization
- Non-government Organization
- Industry
- Scientific community
- Other, please specify: ACADEMIC

* UNEP Global Mercury Partnership Registration Forms are to be accompanied by a letter to UNEP signifying support for the UNEP Global Mercury Partnership and commitment to achieving the partnership goal. The support letter should specify how the organization intends to contribute to meeting the goal of the UNEP Global Mercury Partnership. Please submit the support letter and registration form to:

Head, UNEP Chemicals Branch, DTIP
11-13, chemin des Anémones
CH-1219 Châtelaine - Geneva, Switzerland
Fax: (+41 22) 797 3460
E-mail: mercury@chemicals.unep.ch

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预览已结束，完整报告链接和二维码如下：

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