



## 2011 SURF Student Paper Competition

The **Sustainable Remediation Forum (SURF)** is a nonprofit organization that strives to optimize the balance of environmental, economic, and social considerations in contaminated site remediation.

SURF's primary objective is to provide a forum for various stakeholders in remediation—industry, government agencies, environmental groups, industry service providers, and academia—to collaborate, educate, advance, and develop consensus on the application of sustainability concepts throughout the life-cycle of remediation projects, from site investigation to closure.

*The mission of SURF is to maximize the overall environmental, societal, and economic benefits from the site cleanup process by:*

- *Advancing the science and application of sustainable remediation*
- *Developing best practices*
- *Exchanging professional knowledge*
- *Providing education and outreach*

A SURF-Sponsored Student Paper Competition is being conducted in conjunction with the *International Symposium on Bioremediation and Sustainable Environmental Technologies*. The dates of the Symposium are June 27-30, 2011 in Reno, Nevada. **Student papers are due December 15, 2010.** The primary author of the winning paper will receive:

- Complimentary Symposium registration
- \$1500 award to assist with travel costs
- Placement in the Symposium program as a poster or platform presentation (if not already placed as a result of having submitted an abstract in response to the Call for Abstracts)
- Award of commemorative plaque during the Plenary Session
- Opportunity to include the paper in the Symposium proceedings (*A student may opt to exclude the paper from the proceedings; for example, he or she may prefer to submit it to a journal.*)

**Scope and Review Criteria for Sustainable Remediation Papers.** All papers submitted by the due date will be reviewed by a SURF committee of remediation experts; review criteria will be originality of the research, thoroughness of the technical approach, validity of data interpretation, readability, and relevance to the definition of sustainable remediation. Examples of potential subject topics include but are not limited to:

- Net environmental, social, and economic benefits of sustainable remediation technologies
- Sustainable remediation case studies
- Sustainable site redevelopment/brownfield redevelopment
- Life cycle assessment of remedial alternatives
- Cumulative impacts of remediation and links to risk assessment
- Advances in low environmental footprint *in situ* treatment methods
- Incorporating sustainable remediation into remedy selection and design
- Renewable energy projects for site cleanup

- Sustainable nanotechnology for site remediation
- Water/energy use and efficiency
- Measurement and assessment of sustainability factors in remediation projects
- Metrics and decision support tools for sustainable remediation
- Cost and performance sustainable remediation case studies
- Policy developments in sustainable remediation
- Global perspectives on sustainable remediation

**Eligibility.** The primary author must be a full-time student at the time the paper is submitted. Faculty advisors may be listed as coauthors, but the Symposium presentation must be made by the primary author. A student who already has submitted an abstract to be considered for the Symposium program may also submit a paper for the competition, on either the same or a different topic.

**Format.** Papers that do not adhere to the following guidelines may be disqualified. The paper should be organized into the following sections: title, introduction, methods, results, conclusions, and references. To ensure objectivity in the review process, **do not include author names and affiliations or an acknowledgments section**; both sections can be added to the winning papers before they are published in the proceedings. Papers should not exceed 10 pages; the page count includes figures, tables, and references. Use single-space, 12-point type, and 1.25-inch left/right margins.

**Submission.** Papers are to be submitted by December 15 as MS Word® documents via the file upload process provided on the “Student Paper Participation” page at [www.battelle.org/biosymp](http://www.battelle.org/biosymp). The upload screen will require the following data: the name, university, mailing address, telephone number, and e-mail address for the primary author of the manuscript; the title of the paper; and the complete author list. If the manuscript is on the same topic as an abstract submitted to be considered for the Symposium program, the title of the abstract and the name of the corresponding/presenting author will need to be entered on the screen. Receipt of each manuscript will be confirmed within one week of receipt. Authors of the winning papers and all other competition participants will be informed of the results in January 2011. Address questions on submission procedures to **[biosymp@battelle.org](mailto:biosymp@battelle.org)**, or call 614-424-7866.