

## Essay Contest

Pick up your essay contest form at the Education/Outreach main table. Visit the IGARSS'08 exhibit hall. Talk with vendors and participants in the Education/Outreach booths. Winning Essays will be published on the Earthzine Web Site (<http://www.earthzine.org>). Your essay should contain at least the following information:

- 1-2 quotes from exhibitors
- Discussion of the types of vendors and products
- Discussion of what you learned from the exhibitors and workshops
- Discussion of your overall impression of IGARSS'08
- No more than 2 pages in length

## Art Contest, Exhibits, and Seminars

Students in grades 3-5, 6-8 and 9-12 provide a visual insight into how experiences at IGARSS'08 have impacted them. Awards are presented to the winners. Close your eyes and visualize some of the highlights of IGARSS'08 including registration, exhibits, people, posters, etc. What colors do you recall seeing the most (yellow, blue, etc.) Use those colors and sights in your design of an IGARSS'08 Mousepad contest entry. Mousepads and paints will be provided.

## Earthzine Interviews

What changes do you see in your environment? How have Earth images shaped your view of the world? Observe and share how you see your world changing with Earthzine. Earthzine will interview symposium participants to share with the Earth observing community. Earthzine is a publication of IEEE that aims to foster greater awareness of the Earth through Her observation.

## Mathematics of Remote Sensing

Student teams bring their collective wisdom to the solution of mathematics problems related to remote sensing and climate change. You can sign up to join a team at the education and outreach booth. Teams are challenged to solve 20 multiple choice mathematics questions. Awards are presented to each member of the winning teams.

## Forest Watch

Forest Watch is a K-12 science outreach program begun at the University of New Hampshire (UNH) in 1991 that engages pre-college students in providing researchers with a significant amount of reliable data on annual responses of white pine (*Pinus strobus*) to ground-level ozone across the New England region. The Forest Watch workshop will present key components of this successful outreach program and participants will have the opportunity to discuss aspects of their own research that may be appropriate for use in developing similar K-12 programs for schools in their own area.

# IGARSS'08 Educational Outreach

July 8-10, 2008

## Geoscience and Remote Sensing: the next generation

[www.igarss08.org](http://www.igarss08.org)

**CERSER**  
Center of Excellence in Remote Sensing Education and Research

**ASD Inc.**

**IGARSS2008 BOSTON**

**IEEE**

**GRSS**  
Ground-based and Remote Sensing Society

# Discover the World of Remote Sensing at IGARSS'08!

Join world-class scientists, engineers and educators engaged in the fields of geoscience and remote sensing!

## Tuesday, July 8, 2008

### ALL DAY

Enjoy the education and outreach exhibits located in the conference center!

### MORNING

9:30am–noon

- “Behind the Scenes” tour of the Boston Museum of Science
- Welcome by Museum Staff
- Overview of the Digital Earth Watch measuring vegetation health

### AFTERNOON

1:30–3pm “Mathematics of Remote Sensing” Team Competition for grades 3-5 and 6-8

1:30–5pm IGARSS'08 & You Photoshots: Have your photo printed on the front of the IGARSS'08 program. (open to everyone)

3–3:20pm Refreshment Break (open to everyone)

5–6:30pm Posters (open to everyone)

#### General Co-Chairs

John Kerekes, Rochester Institute of Technology  
Eric Miller, Tufts University

#### Outreach Co-Coordinators

Linda Hayden, Elizabeth City State University  
Barry Rock, University of New Hampshire

#### Outreach Exhibit Area Booths

A: NOAA - Magic Planet, Jeopardy & hands-on activities  
B: DigiPen Institute of Technology - Eye on Earth  
C: MIT Lincoln Laboratory - Guess the Land Mass  
D: SUNY-Buffalo/RIT/CReSIS - Geowall System  
E: Museum Exhibit  
F: CERSER - Thermal Infrared Temperature Measurement of Polar Ice Sheets  
G: CERSER - IGARSS 2008 Education and Outreach Booth Headquarters for the IGARSS 2008 Scavenger Hunt & the IGARSS 2008 and You Photoshoots

Outreach Exhibit Hours  
Tuesday, July 8 10:00 - 19:30  
(Reception 17:30-19:30)  
Wednesday, July 9 10:00 - 16:00  
Thursday, July 10 10:00 - 16:00

## Wednesday, July 9, 2008

### ALL DAY

- Education and outreach exhibits located in the conference center!
- IGARSS'08 & You Photoshots: Have your photo printed on the front of the IGARSS'08 program.

### MORNING

8:20am–Noon Posters

10–10:20am Refreshment Break

9am–Noon Earthzine Interviews (open to everyone)

10:30–11am IGARSS'08 Art Contest Students in grades 3-5, 6-8 and 9-12. Awards are presented to the winners.

### AFTERNOON

1:20-3:00pm Education and Remote Sensing Oral Presentations  
Hynes 109 (for teachers/adults)

1:30–5pm Essay Contest for grades 6-8 and grades 9-12

3–3:20pm Refreshment Break

5–6:30pm Posters (open to everyone)

## Thursday, July 10, 2008

### ALL DAY

- Education and outreach exhibits located in the conference center!
- IGARSS'08 & You Photoshots: Have your photo printed on the front of the IGARSS'08 program. (open to everyone)
- IGARSS'08 Scavenger Hunt: Grades 3-12 meet the scientists and exhibitors through a “Find and Ask” scavenger hunt for grades 3-12

### MORNING

9am–noon Forest Watch and workshops

10–10:20am Refreshment Break

### AFTERNOON

1:30–3pm Grades 6-8 and 9-12 Essay Contest Winners Announced

3–3:20pm Refreshment Break



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**IGARSS2008**  
BOSTON



See <http://www.igarss08.org>  
for more information!