



# GEOGRAPHY EDUCATORS’ NETWORK OF INDIANA

## NEWSLETTER

Volume 110, Issue 5

Geography Action!/GAW, 2010

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## Significant Retirement at the National Geographic

As many of you may recall, Gilbert M. Grosvenor retired as President of the National Geographic back on June 1st, 1996; however, he has continued to serve as Chairman of the Board. That too, is now coming to an end when he steps down on December 31st. This week Grosvenor’s announcement before 370 or so staff members was met with a “thunderous round of applause and a standing ovation for his 56 years of service.”

Grosvenor joined the Society staff in 1954 as a photo editor, after graduating from Yale University. He was editor of the magazine from 1970 to 1980, before



*Gil Grosvenor speaking at the Grosvenor Gala in 2006. Photograph by Ralph Alswang*

becoming the 14th president to take the helm, and fifth generation of his family to

*Continued on page 6*



## One of GENI’s Founders Honored

Dorothy Drummond, one of GENI’s founders, received the 2010 *George J. Miller Award for Distinguished Service to Geographic Education* at the NCGE Conference in Savannah. This is the highest honor awarded by the Council and involves strict criteria with an emphasis on quality and character of contributions to geographic education, evidence of sustained effort on behalf of geographic education, and often, the nature and extent of service to the NCGE. This service must be defined broadly in order to encompass all conceivable ways of contributing to geographic education: research, papers and publications, teaching, grants, service as a role model, lobbying on behalf of geographic education, significant contribution in the training of teachers, development of



*Dorothy Drummond, NCGE 2010*

*Continued on page 3*

### Special Points of Interest:

- National Geography Awareness Week
- Postcard Contest
- International Festival 2010
- International GIS Day November 17

### GENI Board of Directors 2010-2011

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Board Vice President  
Taylor University, Upland

**Rick Bein**  
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**Lou Camilotto**  
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**Karen Grimes Cooper**  
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GENI Director, Indianapolis

**Joyce Thompson**  
White River Valley High, Linton

**Gloria Wilson**  
Farrington Grove Elementary  
Terre Haute

## Calendar of Events:

- Nov. 14-20 – **GEOGRAPHY ACTION!/GEOGRAPHY AWARENESS WEEK: FRESHWATER.** Pages 4 and 7.
  - Nov. 18-21 – **International Festival** at the Indiana State Fairgrounds, offering cultural displays, ethnic food, entertainment, global bazaar, and educational learning from exhibits like the Giant Traveling Map of Asia. Visit <http://nationalitiescouncil.org>.
  - Nov. 18—**GENI Geography Awareness Week After-School Workshop** to be held at the International Festival. Details coming soon. Check the GENI website.
  - Nov. 29—Deadline for **2009 Indiana Geography Awareness Week Postcard Contest!** See page 9.
  - December 3-5—**GENI Board Meeting** to be held on the northeast side of Indianapolis. Contact the GENI Main Office if interested in attending.
- 2011:**
- Feb. 9-11—41st Annual **HASTI Conference:** *HASTI Rises to the New Standards in Science Education.* To be held at the Indiana Convention Center. [Details](#)
  - Apr. 1—**Indiana State Geography Bee** held at IUPUI for top 100 qualifiers. [Details](#)

## Hurry, time is running out...

# GEOGRAPHY AWARENESS WEEK 2010 POSTCARD CONTEST

GENI is hosting its 3rd annual Postcard Contest as part of the National Geography Awareness Week celebration! Get your students fired up about *Freshwater* and thinking about their own use of this valuable, yet, limited resource—both at home and at school. For a copy of the [contest rules](#) and a [template](#) to download and duplicate, visit the GENI website at [www.iupui.edu/~geni](http://www.iupui.edu/~geni).



**Prizes:** Exciting geography-related prizes for each category [K-2, 3-5, 6-8, 9-12]; Grand Prize Winner chosen from the 4 category winners to receive an additional \$50 cash prize and copies of their postcard in print. Teachers of the winners will receive geography-related prizes, including a classroom set of *“Indiana in Maps: A Geographic Perspective of the Hoosier State”* (\$350 value).

**Deadline:** Entries should be postmarked no later than November 27th, 2010.

**Eligibility:** Contest for students of Indiana schools (public, private, parochial or home school) only.

All questions should be referred to Hilary Steinhardt at [geni@iupui.edu](mailto:geni@iupui.edu) / (317) 274-8879.

## Savannah, GA Hosts NCGE 2010

Savannah, Georgia provided a beautiful setting for the National Council for Geographic Education's 95<sup>th</sup> Annual Conference. With endless history exploration and exciting geography all around, educators were immersed in a bountiful learning environment for this year's theme, *Geographic Education: Bridging the Past and Present*.

This is a conference that offers fantastic professional development opportunities for all levels, from the elementary educator to the university instructor. Numerous themes were infused in a dynamic line-up of sessions and field study opportunities.

[*Census, Geography Education Research, Latin America, Advance Placement Human Geography, Geospatial Technology, Low Country: Human and Physical Landscapes, Spatial Thinking and Learning, Geography of Food, The Korean Peninsula: Traditions and Tensions, Middle East and North Africa*]

Conference participants also had an opportunity to explore an exhibit area packed with resource organizations, publishing companies, and geography education professional societies/groups. It was a "one-stop shopping spot" for numerous resources to support geography in the curriculum at all levels.

As many of you already know, the 2002 Roper Poll of nine major countries revealed the United States ranked next to last, beating out only Mexico, in geographic knowledge. At a time when geographic literacy is crucial for the future of America, the NCGE, along with geographic alliances across the country, is striving to arm teachers with the knowledge and tools they need to shape geographically informed citizens.

The Oregon Geographic Alliance will host NCGE 2011 in Portland, August 1-7.

*"This Conference is an annual event where geography educators from across the country and around the world meet to exchange ideas, research, resources, and best practices in geography education. Long-time conference participants enjoy the collegial atmosphere of the conference, opportunities for networking and brainstorming, and endless prospects for professional development. Conference participants are passionate about the prospect of advancing geography education and that energy is what draws educators to the meeting year after year!"*

[NCGE.org](http://NCGE.org)



### *Founder honored Continued from page 1*

curriculum materials, service (where appropriate to the NCGE or other professional organizations), and administrative activities that involve service to geographic education.

Dorothy exemplifies all of these characteristics, and although technically retired from teaching, she continues to help promote and further geographic education in Indiana and around the world through her organized travel opportunities, writing, and philanthropic work.

Michal LeVasseur, an employee of the National Geographic Education Foundation and liaison for the state of Indiana, was also recognized with the Distinguished Mentor Award.

*Photos courtesy of Christine Drake.*



*Dorothy Drummond (rt.) and Michal LeVasseur (lt.) with their NCGE 2010 awards.*

# Geography Awareness Week Suggested Daily Activities

## MONDAY—

### ⊕ Activity Suggestions:

- Take the “Freshwater 101” [Quiz](#)
- Watch the introductory video on the [MyWonderfulWorld.org](#) website (2:29). Read the Freshwater Crisis [article](#).
- Discuss who uses freshwater and how. Send home a [water use survey](#) to be completed and returned to school by Friday. Or use the online [Water Footprint Calculator](#).

⊕ **Word(s) of the Day:** **Freshwater**—water that contains less than 1,000 milligrams per liter (mg/L) of dissolved solids; relating to or living in or consisting of water that is not salty; *freshwater fish*; *freshwater lakes*; water that possesses little dissolved minerals such as salt and is defined as *fresh* water as opposed to salt water found in the oceans; **Hydrologic Cycle**—The circulation and conservation of earth's water; continuous movement of water on, above and below the surface of the Earth

⊕ **Website(s):** [MyWonderfulWorld.org](#),  
<http://environment.nationalgeographic.com/environment/freshwater>

## TUESDAY—

### ⊕ Activity Suggestions:

- Discuss water use by the average American individual versus an African/Asian family. How far do we have to go for our freshwater? How far does the average family in the developing world have to go to get their water?
- Watch the *Burden of Thirst* [video](#) from the NG Freshwater Portal (2:39). Read the *Burden of Thirst* [article](#).
- Calculate a destination that is approximately 1.85 miles from your school. Now ask students how they would feel about walking to that destination and back for their family's daily water supply? Remember, the return trip would include the weight of the water on their back!
- Consider hosting a “[3.7 Mile Walk for Freshwater](#)” event in the spring, coordinate with [World Water Day](#) or Earth Day.

⊕ **Word of the Day:** **Scarcity**—Deficient amount of something to meet the demands; not plentiful or abundant;

⊕ **Website:** [http://www.eeweek.org/resources/water\\_curricula.htm](http://www.eeweek.org/resources/water_curricula.htm) National Environmental Education Week Water Curricula

## WEDNESDAY (GIS Day)—

### ⊕ Activity Suggestions:

- Discuss what a Geographic Information System is. How might GIS be used with regard to the freshwater supply? What about your local water supply (ie-fire hydrants, city water supply, stormwater removal, etc.)?
- Visit ESRI's website and look at maps that show streamflow, water quality, wetlands, floods, ect.

⊕ **Word of the Day:** **Watershed or Drainage Basin**—an extent or area of land where water from rain and melting snow or ice drains downhill into a body of water, such as a river, lake, reservoir, estuary, wetland, sea or ocean

⊕ **Website(s):** ESRI <http://edcommunity.esri.com/gaw/2010/index.cfm>,  
<http://www.gisday.com/> download GIS Day Materials and find speakers for your school or class

# Geography Awareness Week Suggested Daily Activities Cont.

## THURSDAY—

### ⊕ Activity Suggestions:

- Discuss the use of water for religious purposes. Does your religion have specific uses for water or place significant importance on this special resource?
- Watch the *Sacred Waters* [video](#) (2:26). Read the *Sacred Waters* [article](#).
- Discuss conflict over freshwater: for both basic survival and economic gain. [Resources](#)

### ⊕ Word(s) of the Day: **Sacred**—holy; considered worthy of spiritual respect or devotion; or inspiring awe or reverence among believers in a given set of spiritual ideas

### ⊕ Website(s): Pacific Institute <http://www.pacinst.org/topics/> Water in Religion <http://www.africanwater.org/religion.htm>

## FRIDAY—

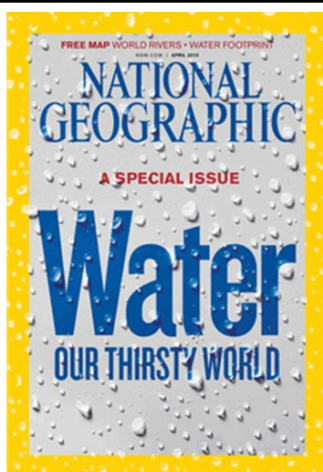
### ⊕ Activity suggestions:

- Wear t-shirts that have a connection to freshwater (ie-Lake Michigan t-shirt)
- Explore your [water footprint](#) on the planet. Did you know “nearly 95 percent of your water footprint is hidden in the food you eat, energy you use, products you buy, and services you rely on”?
- Discuss ways to reduce water use. *What You Can Do* [article](#) and list of top ten suggestions.
- Share completed water use surveys. What is the easiest thing you/your family can do differently to help conserve water? Take a look at a more comprehensive [list](#) of water conservation tips.

### ⊕ Word(s) of the Day: **Crisis**—a situation or period in which things are very uncertain, difficult, or painful, especially a time when action must be taken to avoid complete disaster or breakdown; **Conservation**—Preservation and protection of materials or resources; **Water Footprint**—an indicator of water use that includes both direct and indirect water use of a consumer or producer; the water footprint of an individual, community or business is defined as the total volume of freshwater that is used to produce the goods and services consumed by the individual or community or produced by the business

**Include a week-long trivia competition! Provide a challenging freshwater trivia question each morning during announcements and either daily prizes or a grand prize at the end of the week!**

**SHARE YOUR GEOGRAPHY AWARENESS WEEK ACTIVITIES WITH US! ([geni@iupui.edu](mailto:geni@iupui.edu))**



**National Geographic is offering FREE download of the special issue “Water, Our Thirsty World” to all educators during the month on November!!!**

**This single-topic issue of National Geographic magazine, released in April 2010, highlights the challenges facing our most essential natural resource. In celebration of Geography Awareness Week, November 14-20, “Water, Our Thirsty World,” is available for free download starting on November 1, 2010 through November 30, 2010. Get it now to read on your iPad, PC or Mac computer and enjoy extra content including extra photo galleries, rollover graphics that animate features like maps and timelines, video profiles of photographers who contributed to the issue, and other interactive features. Once you download it, you’ll have it to reference for GAW week and any other future needs. Don’t wait, get your copy today! Decide you want a yearly subscription, educators get 12 issues for \$15.**

*Grosvenor Continued from page 1*

do so. In 1987 he was elected Chairman of the board.

A lengthy list of honors and awards have been bestowed upon Grosvenor over the years, including Honorary National Park Ranger in 2004. A special relationship has existed between the National Geographic and the national parks since 1915. He was



also given the highest civilian award in the United States, the Presidential Medal of Freedom, by President George W. Bush in 2008. It is without a doubt, he has made major contributions to geographic education throughout his career and plans to continue that passion as he remains Chairman of the Education Foundation and a member of the National Geographic Board of Directors.



Gil's remarks were posted by Karen Gilmour:

*Thank you, John, for letting me crash your very special program.*

*I have an announcement to make. I will retire as chairman of the board Dec. 31, 2010. I am absolutely excited and pleased that John Fahey has been named chairman and chief executive officer of the National Geographic as of Jan. 1, 2011. And I'm equally as excited about the fact that Tim Kelly has been named President of the National Geographic Society and he will take office Jan. 1, 2011. For 122 years, National Geographic has really been blessed with its transition of leadership. Indeed, in all those years we have never had a turbulent transition, as happens in so many countries. And you know, you're never quite sure when a new guy comes to town what he's going to do. But we've been blessed with transparent transitions. And this was particularly true in 1996 when I retired and John has evolved into being an extraordinary president and chief executive officer. His transition was flawless in the last ten, fifteen years despite a turbulent period for printed media and an extraordinarily unstable economy. John has managed to keep this ship on an even keel through these years, and indeed dramatically improve our net worth and our outreach.*

*When I first met John, I invited him in for lunch, and it was one of those times like when you're young and you go out on a date with somebody for the first time and you immediately say this guy's for this girl's for me. And this was true! I came away from that luncheon saying, "I'm going to hire that guy." And it was not easy; he was a very important cog in Time, Inc. I think we hit John psychologically at just the right time and I'd had a little tip-off that might be the case. His kids were at a very critical stage in school here in the District. I suspect he was being, although I don't know this for absolutely certain, he was being called back to New York for a promotion. So John was kind of at a crossroads. And he saw the challenge of this place, and he saw what he could do to make it even greater. And indeed he has and for that I am most grateful.*

*Now, Tim Kelly was kind of a babe in the woods when we hired him and I thought, you know, given 25 years he might make it. And I*

*know this sounds crazy but he hadn't been here more than two or three years when I told my wife, "This guy is going to really go places at the Geographic." Already he possessed a deep, deep understanding and appreciation for what we do, far beyond television. He understood this place and that's very unusual for a young person coming in here and quickly assimilating who we are. And so, I continue to be amazed at Tim's maturity and his success. And this team has been so extraordinarily successful that I'm absolutely confident that we're in good hands for years to come.*

*Now as for me, I've had 56 great years here. I can think of no one or no position on Planet Earth that I would change with. Think of the people I've been able to work with. Now I've jotted down a few of them. I've been involved with programs from landing on the moon to descending into the Mariana Trench. I've worked with people like Jane Goodall, Dian Fossey, Bob Ballard, three generations of Leakeys' and that's been an excitement in itself. People like Wade Davis, Ken Fosset, Jacques Cousteau, Sylvia Earle, Johan Reinhard. Hey, I could go on; I could go on all day but I think you get the message. These, in our area, have been the movers and shakers of the last half century. And lastly, I've had the great opportunity to work with the greatest photographers and storytellers of our time. You know who they are.*

*But best of all, best of all, I've been blessed by an incredible staff of people, right here in this room. And I want to thank all of you for your support.*

## Freshwater Literature Resources

Choose a book from this list to read as a class or family, in your book club, or just for yourself. From the Magic School Bus to Sylvia Earle, there are books for readers of all ages and abilities. [Details](#)



## Freshwater Films

Choose a film from this list of videos, from documentaries to cartoons. Find one that is age-appropriate for your classroom, or fun and interesting for the whole family! [Details](#)

## Freshwater Lesson Plans

Statistics indicate that by the year 2050, a third of the people on earth will lack a clean, secure source of water. (*NGS Freshwater Portal*) Engage your students with lessons and activities that spark their critical thinking skills and heighten their awareness to the global water crisis!



## Indiana Water-Related Maps & Organizations

### Freshwater Graphics and Animations



### Freshwater Crossword Puzzle

### Freshwater Word Search

S U P E R M A N C P  
E P E H U L K E R L M  
L A S A B A T H A N  
I B S A B A N N R R S  
T Y D J A N H I D K P  
A M P A M W M A N E D  
K B A U C E W M A T H  
L C A W O P F F M Z V A  
O B R U P P F F M Z V A  
W O R D E R W O M A N



**"Bucket Display"** - visual showing the drastic difference in the average American's water use (100 gallons/day) and the average African/Asian family's water use (less than 5 gallons/day).

## Freshwater in the News!

[WATERLINES:](#) News affecting the management and use of Indiana's water  
News affecting the management and use of Indiana's water resources - Newsletter from the DNR

Winter '09: [2008 What a Year!](#)

[Water Crisis](#) from the World Water Council

[Climate change most visible through freshwater lens](#)

[Water shortages reach crisis levels in China](#) from CNN World

[Source water protection key to ensuring drinking water safety in rural China](#)

[Mother Mekong](#)

[Hungary toxic mud disaster could have been avoided](#)

[Constructed wetland does more than spruce up the garden](#)



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[www.iupui.edu/~ghw](http://www.iupui.edu/~ghw) [Geography & History of the World]  
[www.iupui.edu/~gst](http://www.iupui.edu/~gst) [Geospatial Technologies]



GIS Day  
GIS Day



**My Wonderful World.org**

A National Geographic-led campaign



**FRESHWATER**