



# GeoForAll

Monthly Newsletter



## Table of Contents

Editorial .....	
Editorial Board .....	
1. Activities .....	1
2. A) Lab of the month.....	
B) GeoAmbassador .....	
3. Events .....	1
4. Conferences .....	4
5. Webinars .....	4
6. Courses .....	5
7. Training programs .....	5
8. Key research publication ....	5
9. Funding opportunities .....	6
10. New free and open software, open data .....	6
11. Free Books .....	6
12. Articles .....	7
13. Scholarships for students and staff .....	
14. Exchange programs for students and staff .....	
15. Awards .....	8
16. Web sites .....	
17. Ideas .....	9
18. Social contribution .....	

## Be part of "Geo for All"

### 1. Activities of the Network

- [Ottawa, Ontario, OSGeo Meetup Group](http://www.meetup.com/OttawaOSGeo/) meets on the third Thursday of each month. If you are located in the area, go to the link to sign up to the group and get updates about future events. (<http://www.meetup.com/OttawaOSGeo/>)

### 3. Events

- Great initiative and example from colleagues at the Food and Agriculture Organization of the United Nations on providing access to interactive maps, satellite imagery and related spatial databases maintained by FAO and its partners. Through this website FAO facilitates multidisciplinary approaches to sustainable development and supports decision making in agriculture, forestry, fisheries and food security.

Maps, including those derived from satellite imagery, are effective communicational tools and play an important role in the work of various types of users:

Decision Makers: e.g. Sustainable development planners and humanitarian and emergency managers in need of quick, reliable and up to date user-friendly cartographic products as a basis for action and better plan and monitor their activities.

GIS Experts in need of exchanging consistent and updated geographical data.

Spatial Analysts in need of multidisciplinary data to perform preliminary geographical analysis and reliable forecasts to better set up appropriate interventions in vulnerable areas.

The FAO GeoNetwork allows to easily share spatial data among different FAO Units, other UN Agencies, NGO's and other institutions.

The FAO GeoNetwork site is powered by GeoNetwork open source. GeoNetwork opensource has been developed to connect spatial information communities and their data using a modern architecture, which is at the same time powerful and low cost, based on the principles of Free and Open Source Software (FOSS) and International and Open Standards for services and protocols (from ISO/TC211 and OGC).

Details at

<http://www.fao.org/geonetwork/srv/en/main.home>



## Editorial Board

Please refer to the appropriate person according to the following table:

Chief Editor 	Nikos Lambrinos, Professor, Dept. of Primary Education, Aristotle University of Thessaloniki, Greece. President of the Hellenic digital earth Centre of Excellence <a href="mailto:labrinos@eled.auth.gr">labrinos@eled.auth.gr</a>	Oceania
Co-editor 	Rizwan Bulbul, Assistant Professor of GIScience Head of Geospatial Research and Education Lab Department of Space Science, Institute of Space Technology, Islamabad, Pakistan <a href="mailto:bulbul@grel.ist.edu.pk">bulbul@grel.ist.edu.pk</a>	India, Sri Lanka, Pakistan, Afghanistan, Nepal, Burma, Iran, Iraq, Jordan, Syria, Israel, Lebanon, Turkey, Saudi Arabia, Oman, Yemen, United Arab Emirates, Kuwait and Islands of S. Pacific.
Co-editors 	Pavel Kikin, Senior Lecturer "Department of applied informatics and IT", Siberian State Univer. of Geosystems and Technologies Alexey Kolesnikov, Senior Lecturer "Department of cartography and GIS", Siberian State Univer. of Geosystems and Technologies <a href="mailto:it-technologies@yandex.ru">it-technologies@yandex.ru</a>	Russia, Mongolia, China, Japan, S. Korea, Vietnam, Thailand, Malaysia, Laos, Myanmar, Cambodia, Singapore, Brunei, Indonesia, Philippines, Turkmenistan, Uzbekistan, Tajikistan and Kyrgyzstan.
Co-editor 	Rania Elsayed, Computers & Information Researcher, Division of Scientific Training & Continuous Studies, National Authority for Remote Sensing & Space Sciences, Cairo, Egypt. <a href="mailto:ranyaalsayed@gmail.com">ranyaalsayed@gmail.com</a>	Africa
Co-editor 	Seraphim Alvanides, Reader (Geographical Information Science) Northumbria University, Newcastle NE1 8ST, United Kingdom. <a href="mailto:s.alvanides@gmail.com">s.alvanides@gmail.com</a>	Scandinavian countries, Denmark, Germany, Austria, Switzerland, UK, Ireland, Iceland
Co-editor 	Antoni Perez Navaro, Associate Professor at Universitat Oberta de Catalunya (UOC) Computer Sciences and Multimedia Department <a href="mailto:aperezn@uoc.edu">aperezn@uoc.edu</a>	Italy, Malta, Spain, Portugal, France, Belgium, The Netherlands, Luxemburg.
Co-editor 	Emma Strong, Planner with the City of Gulfport, Mississippi <a href="mailto:eestrong118@gmail.com">eestrong118@gmail.com</a>	North and Central America
Co-editor 	Sergio Acosta Y Lara, Departamento de Geomática Dirección, Nacional de Topografía, Ministerio de Transporte y Obras Públicas, URUGUAY <a href="mailto:sergio.acostaylara@mtop.gub.uy">sergio.acostaylara@mtop.gub.uy</a>	South America
Co-editor 	Codrina Ilie, PhD student at the Technical University of Civil Engineering, Bucharest, Romania	The Balkans, Ukraine, Moldavia, Estonia, Lithuania, Belarus, Latvia, Hungary, Czech Republic, Slovakia
Production Designer 	Nikos Voudrislis, MSc, PhD in geography education. <a href="mailto:nvoudris@gmail.com">nvoudris@gmail.com</a>	Design and final formation of the newsletter
	Paulo César Coronado Sánchez, Professor of computer sciences at Universidad Distrital Francisco José de Caldas, Head of GISEPROI and OSGeoLabUD research Group. Bogotá, Colombia <a href="mailto:paulocoronado@gmail.com">paulocoronado@gmail.com</a>	Translator and designer of the Spanish Edition



## GeoForAll Themes

### ▪ OpenCity Smart

➤ Chairs: Chris Pettit (Australia), Patrick Hogan (USA)

➤ Mail list: <http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-urbanscience>

➤ Website:

<http://wiki.osgeo.org/wiki/Opencitysmart>

### ▪ Teacher Training & School Education

➤ Chairs: Elżbieta Wołoszyńska-Wiśniewska (Poland), Nikos Lambrinos (Greece)

➤ Mail list: [geoforall-teachertraining@lists.osgeo.org](mailto:geoforall-teachertraining@lists.osgeo.org)

➤ Website:

[http://wiki.osgeo.org/wiki/GeoForAll\\_TeacherTraining\\_SchoolEducation](http://wiki.osgeo.org/wiki/GeoForAll_TeacherTraining_SchoolEducation)

### ▪ CitizenScience

➤ Chairs: Peter Mooney (Ireland) and Maria Brovelli (Italy)

➤ Mail list: <https://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-geocrowd>

➤ Website:

[http://wiki.osgeo.org/wiki/Geocrowdsourcing\\_CitizenScience\\_FOSS4G](http://wiki.osgeo.org/wiki/Geocrowdsourcing_CitizenScience_FOSS4G)

### ▪ AgriGIS

➤ Chairs: Didier Leibovici (U.K.) and Nobusuke Iwasaki (Japan)

➤ Mail list: <https://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-agrigis>

➤ Website: <http://wiki.osgeo.org/wiki/Agrigis>

## GeoForAll Regional Chairs and Contact Information

### North America Region

Chairs: Helena Mitasova (USA), Charles Schweik (USA), Phillip Davis (USA) Subscribe at mail list <http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-northamerica>

Email: [na.gfa.chair@osgeo.org](mailto:na.gfa.chair@osgeo.org)

### Iberoamerican Region

Chairs: Sergio Acosta y Lara (Uruguay) and Silvana Camboim (Brazil) and Antoni Pérez Navarro (Spain). Subscribe at mail list:

<https://lists.osgeo.org/mailman/listinfo/geoforall-iberoamerica>

Email: [geoforall-iberoamerica@lists.osgeo.org](mailto:geoforall-iberoamerica@lists.osgeo.org)

### Africa Region

Chairs: Rania Elsayed Ibrahim (Egypt), Serena Coetzee (South Africa) and Bridget Fleming (South Africa) Subscribe at mail list

<http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-africa>

Email: [africa.gfa.chair@osgeo.org](mailto:africa.gfa.chair@osgeo.org)

### Asia Region (including Australia)

Chairs: Tuong Thuy Vu (Malaysia/Vietnam) and Venkatesh Raghavan (Japan/India) Subscribe at maillist <http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-asiaaustralia>

Email: [asia.gfa.chair@osgeo.org](mailto:asia.gfa.chair@osgeo.org)

### Europe Region

Chairs: Maria Brovelli (Italy) and Peter Mooney (Ireland) Subscribe at mail list

<http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-europe>

Email: [eu.gfa.chair@osgeo.org](mailto:eu.gfa.chair@osgeo.org)



## 4. Conferences

---

### Europe

#### June 2018

1. 7-8 June: [Jornadas de SIG libre de Girona](#) (Days of Free SIG in Girona)  
Venue: Girona, Spain

2. 13-15 June: [21st International AGILE Conference, AGILE 2018](#) "Geospatial Technologies for All".  
Venue: Lund, Sweden

#### July 2018

3. 28-30 July: [State of the Map 2018](#).  
Venue: Politecnico di Milano, Piazza Leonardo da Vinci, Milan, Lombardy, Italy.

#### October 2018

4. 1-5 October: [ISPRS Com IV Symposium](#)  
Venue: Delft, The Netherlands

5. 9-11 October: [5th Open Source Geospatial Research and Education Symposium](#)  
Venue: University of Applied Sciences and Arts of Southern Switzerland (SUPSI)

### North and Central America and the Caribbean

#### May 2018

6. 14-18 May: [FOSS4G North America](#)  
St. Louis, Missouri, USA

#### June 2018

7. 6-9 June: MESCOT - XIV International Scientific Research Congress  
Venue: Santo Domingo, Dominican Republic

#### November 2018

8. 6-9 November: XVIII International Symposium of the Latin American Society of Remote Perception and Systems of Space Information.  
Venue: Havana, Cuba

Contact: MSc. Ing. Pedro Luis García Pérez Presidente del Comité Organizador. (537) 836 34 47  
[pedroluis1664@gmail.com](mailto:pedroluis1664@gmail.com) [lgarcia@ch.unaicc.cu](mailto:lgarcia@ch.unaicc.cu)

9. 9-10 November: Seattle GNU/Linux Conference  
Venue: Seattle, Washington, USA.  
More information at <http://seagl.org>

### Africa

#### August 2018

10. 27-28 August: [FOSS4G 2018](#) Workshop  
28-31 August: FOSS4G 2018: Main Conference  
Venue: Dar es Salaam, Tanzania  
The deadlines of the FOSS4G Academic Track in Dar Es Salaam have been changed in this way:  
Early Bird Registration closes 15 May 2018

#### September 2018

11. 1-2 September: FOSS4G 2018: Code Sprints and Community Events  
Venue: Dar es Salaam, Tanzania

#### October 2018

12. 22-26 October: [International Data Week](#) 'Digital Frontiers of Global Science'  
Venue: Gaborone, Botswana

## 5. Webinars

---

- Recording of webinar on "gvSIG Suite: Open Source Software for Geographic Information Management in Agriculture" is now available at <https://blog.gvsig.org/2018/02/16/recording-of-webinar-on-gvsig-suite-open-source-software-for-geographic-information-management-in-agriculture-is-now-available/>
- Open Course of Big Data for Smart Cities in Spanish  
<http://www.tysmagazine.com/curso-gratuito-de-big-data-para-una-ciudad-inteligente/>



- gvSIG Suite Solution for Geospatial Analysis and Crime Management  
<https://blog.gvsig.org/2018/02/23/webinar-geoforall-iberoamerica-presentacion-gvsig-crime-solucion-de-la-suite-gvsig-para-analisis-geoespacial-y-gestion-del-delito/>
- [Recording of 'Geostatistics with R and gvSIG' presentation at the 3rd gvSIG Festival available](#)

The recording of the video of the '**Geostatistics with R and gvSIG**' presentation, given at the 3rd gvSIG Festival, is now available.

In this video, you can watch how to manage R library from gvSIG Desktop to get interesting information through statistics.

- [Thinking about QGIS as a consultant and educator.](#) Webinar by Kurt Menke.

## 6. Courses

- NASA/ESA training courses. For queries about the course, please refer to Prof. Stych ([stych@natur.cuni.cz](mailto:stych@natur.cuni.cz))  
Details of RUS at <https://rus-training.eu/about-us>
- In India, CBSE Syllabus has included an 'Optional Paper', Class XII (16-year-olds) of GIS. [Vocational Syllabus for Geospatial technology](#) in India.

## 7. Training programs

- GeoForAll educational materials have been transferred to our new web site. [GeoForAll educational inventory system, a place to search and share educational materials](#)
- [Science Gateways Bootcamp](#): Strategies for Developing, Operating, and Sustaining Your Gateway is a week-long workshop for leaders of gateways who want to further develop and scale their work. Participants engage in hands-on activities to help them articulate the value of their

work to key stakeholders and to create a strong development, operations, and sustainability plan.

The Bootcamp includes:

- Core business strategy skills
- Technology best practices
- Long-term sustainability strategies
- Venue: Chicago, IL. August 13-17

## 8. Key Research articles

- Charlie Schweik ([cschweik@pubpol.umass.edu](mailto:cschweik@pubpol.umass.edu)) for the FOSS4G Proceedings editorial team (Mohammed Zia, Andy Anderson, and Franz-Josef Behr)

I'm pleased to report that we now have full academic proceedings and individual papers from the last five FOSS4G conferences [Nottingham, 2013; Portland, 2014; Seoul, 2015; Bonn, 2016; and Boston, 2017].

The website is:

<https://scholarworks.umass.edu/foss4g/>

This system provides readership (download) statistics and distribution maps (see attached). For instance, as of today, across all volumes we already have a total of 3,409 full proceeding and individual paper downloads worldwide. Individual authors can see their individual download statistics by going to their individual paper entry. Scholarworks also feeds library database search engines.

We hope that we can continue to publish FOSS4G Academic proceeding pre-prints, both global and regional events, through this system, to maintain a longterm repository of FOSS4G scholarship. Proceeding editors of future conferences: Please contact us to coordinate.

Also can be found at

<https://www.osgeo.org/foundation-news/foss4g-conference-academic-proceedings-full-proceedings-individual-papers-available-online/>



## 9. Funding opportunities, bids etc

---

- Especially for our African colleagues. Call for research proposals. More details in: <http://www.codata.org/news/241/62/ICSU-NASAC-ISSC-call-for-pre-proposals-Pathways-towards-Sustainable-African-Urban-Development>

## 10. New free and open software, open data, etc.

---

- [The Horton Machine](#), new geoprocesses available for gvSIG 2.4

The “Horton Machine” plugin, formerly known as JGRASS, is now available to be installed on gvSIG 2.4. This plugin has a new toolbox with hundreds of different geoprocesses, added to the more than 350 geoprocesses included in gvSIG Desktop.

- Download the newest release of pycsw 2.2.0 at <http://pycsw.org/download>
- [Scripting in gvSIG: Git integration](#). Since gvSIG 2.4, the tools for development in the Scripting Module has been increased. One of this tools is an integration with Git. This tools will help to keep a version control of our plugins.
- [myGeoHub](#) You can find some interesting work for enabling scientists, students and educators to create and share interactive tools and models for processing, analyzing and visualizing geospatial data.
- [GeoDa](#) is a free and open source software tool that serves as an introduction to spatial data analysis. It is designed to facilitate new insights from data analysis by exploring and modeling spatial patterns.
- PostGIS: There is a bug fix release 2.2.7, 2.3.7 and 2.4.4 for the 2.2, 2.3, and 2.4 stable

branches. \*\*Please note that PostGIS 2.2 is reaching end-of-life and there will be one more patch release later in the year for it. If you have not upgraded to at least PostGIS 2.3, consider doing so before support for PostGIS 2.2 is discontinued.

- GeoMoose: Version 3.2.0 is now available.

## 11. Free books, educational materials, etc.

---

- CEOS is the Committee on Earth Observation Satellites, coordinates civil spaceborne observations of the Earth. Participating agencies strive to address critical scientific questions and to harmonise satellite mission planning to address gaps and overlaps. CEOS and ESA have launched the EO handbook on ‘Satellite Earth Observations in support of the SDGs’ . The online version is at <http://eohandbook.com/sdg/> You can also download it as PDF file from the same address.
- New free book in Spanish about Remote Sensing and Photointerpetation. You can download from <http://www.tysmagazine.com/libro-gratuito-guia-practica-de-teledeteccion-y-fotointerpretacion/>
- A free book in Spanish has been published about Geoinformatics applied to environment processes. To download, go to <http://www.tysmagazine.com/libro-gratuito-geoinformatica-aplicada-procesos-geoambientales/>
- “Stories of a topographer.” New free book in Spanish. You can download from <http://www.ign.es/web/ign/portal/publicaciones-boletines-y-libros-digitales#DA-Historias-de-un-Topografo>



## 12. Articles

---

### Abbreviations

by **Nikos Lambrinos**, Chief Editor, and **Michael Finn**.

For those who would like to support this effort, please send any abbreviations to the Chief Editor ([labrinos@eled.auth.gr](mailto:labrinos@eled.auth.gr)).

3DEP: 3-D Elevation Program

AAG: Association of American Geographers

AGS: American Geographical Society

AM/FM: Automated Mapping/Facilities Management

ASPRS: American Society for Photogrammetry and Remote Sensing

AURIN: Australian Urban Research Infrastructure Network

BBSRC: Biotechnology and Biological Sciences Research Council

BIM: Building Information Modelling

CAADP: Comprehensive African Agricultural Development Programme

CAD: Computer Aided Design

CaGIS: Cartography and Geographic Information Society

CEGIS: Center of Excellence for Geospatial Information Science

CEOS: Committee on Earth Observation Satellites

CI: CyberInfrastructure

CLGE: The Council of European Geodetic Surveyors

CODATA: Committee on Data for Science and Technology

COGO: Coordinate geometry

CRS: Coordinate Reference System

CSA: Canadian Space Agency

CUDA: Compute Unified Device Architecture

DAAC: Distributed Active Archive Center (of NASA)

DEM: Digital Elevation Model

DSM: Digital Surface Models

DWG: Design file format

DXF: Drawing Interchange File

ECMWF: European Center for Medium range Weather Forecasting

EOS: Earth Observation Science

EOSDIS: Earth Observing System and Data Information System

EPA: Environmental Protection Agency

EPSG: European Petrol Survey Group (used in projection IDs)

ESA: European Space Agency

ESERO: European Space Education Resource Office

EUROGI: European Umbrella Organisation for Geographic Information

EuroSDR: European Spatial Data Research

FOSS: Free and Open Source Software

FOSS4G: Free and Open Source Software For Geospatial

GCP: Ground Control Point

GloFAS: Global Flood Awareness System

GNSS: Global Navigational Satellite System

GPS: Global Positioning System

GPX: GPS Exchange Format

GRASPGfs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security

HOT: Humanitarian OpenStreetMap Team

HPC: high-performance computing

ICA: International Cartographic Association

ICSU-WDS: International Council for Science – World Data System

INSPIRE: Infrastructure for Spatial Information in Europe



ISPRS: International Society for Photogrammetry and Remote Sensing

JAXA: Japan Aerospace Exploration Agency

KML: Keyhole Markup Language

LiDAR: Light Detection and Ranging

LOC: Local Organizing Committee

LOD: Level Of Detail

MIL: Media and Information Literacy

MoU: Memorandum of Understanding

NAD: North American Datum

NCSA: National Center for Supercomputing Applications

NED: National Elevation Dataset

NEPAD: NEw Partnership for African Development

NGA: National Geospatial Intelligence Agency

NHD: National Hydrologic Dataset

NLCD: National Land Cover Dataset

NSDI: National Spatial Data Infrastructure

NSF: National Science Foundation

OER: Open Educational Resources

OGC: Open Geospatial Consortium

OSGeo: Open Source Geospatial Foundation

OSM: OpenStreetMap

OTB: Orfeo Tool Box

RCMRD: Regional Centre for Mapping of Resources for Development

RDA: Research Data Alliance

ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring

RUFORUM: Regional Universities Forum for capacity building in agriculture

SaaS: Software as a Service

SAR: Synthetic Aperture Radar

SDI: Spatial Data Infrastructure

SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain

SQL: Structured Query Language

STISA 2024: Science Technology Innovation Strategy for Africa

STSM: Short Term Scientific Missions

TIN: Triangulated Irregular Network

UAV: Unmanned Aerial Vehicle

UN-GGIM: United Nations Global Geospatial Information Management

USGS: U.S. Geological Survey

USGIF: United States Geospatial Intelligence Foundation

VGI: Volunteered Geographic Information

XSEDE: Extreme Science and Engineering Discovery Environment

WCS: Web Coverage Service

WFS: Web Feature Service

WGCapD: Working Group on Capacity Building and Data Democracy

WGS: World Geodetic System

WISERD: Wales Institute of Social & Economic Research, Data & Methods

WMO: World Meteorological Organization

WMS: Web Map Service

WMTS: Web Map Tiles Services

WOIS: Water Observation Information System

WPS: Web Processing Service

## 15. Awards

The Austrian Academy of Sciences through its Commission for GIScience is awarding the GIScience Prize named after Prof Waldo Tobler to a scientist having demonstrated outstanding and sustained contributions to the discipline worthy of inspiring young scientists in Geoinformatics and Geographic Information Science, and having accomplished significant advances in research and education.



An external panel of peers unanimously recommended to award the 2018 prize to Prof Helena Mitsova (North Carolina State University).

For more details go to:

<https://lists.osgeo.org/pipermail/grass-user/2018-April/078052.html>

<https://gi-science.blogspot.de/2018/04/helena-mitsova-awarded-2018-waldo.html>

On behalf of GeoForAll community:

Congratulations Helena, we are very proud of you.

## 17. Ideas / Information

To post your FOSS4G educational information go to <http://www.osgeo.org/education>. There you can find more educational activities posted by members of our community. FOSS4G is the annual global event of the Open Source Geospatial Foundation. It is the largest technical geospatial Open Source conference in the world. The FOSS4G conference focuses on Free and Open Source Software for Geospatial applications. In addition to high level technical talks four key domain are discussed every year to showcase the connection between free and open source software and communities from neighbouring domains. In 2018, the conference will take place in Dar es Salaam, Tanzania, on 29-30-31 August. The four thematic domains selected for this edition are: Urban; Coastal, Marine and the Environment; Widening Access and Humanitarian Mapping; Drones.

**2.** Contributions invited for [Special Issue](#) "Open Data for Open Cities (OD4OC): Reuse of Open Data through Spatial Analysis" that cover all aspects of the use of Open Data and geospatial analysis in fostering inclusive, resilient, open, and sustainable communities.

The explosive growth of cities and the rapid expansion of broadband and data are intersecting at a time when the world faces serious challenges to

achieving more sustainable development. Sensors and digital devices generate huge amounts of data from which cities and governments can create indicators and learn new knowledge. Cities now have an important role to play in national and local open data initiatives. Data user communities are trying to tackle various urban challenges for many intermediaries that see open data as the key factor to improve their services. However, are cities ready to move forward in terms of open data? Are the current data user requirements taken into consideration in open data strategy? How are open data being used to make cities inclusive, safe, resilient and sustainable?

Invited papers may describe original work in any of the following areas, but not limited to:

Urban Analytics

Open data-driven initiatives for effective community collaboration

The use of Open Data in Smart sustainable cities Frameworks for sustainable community engagement

Reuse of open geographic data

Impact of Open Data in cities

Impact of Open Geographic Data

**3.** [NACIS Student Map and Poster Competition](#) (from [GIS Lounge](#))

Students who'd like to display their works at NACIS 2018 should register for the Student Map and Poster Competition. We encourage all students to submit their maps and cartography-related technical/research posters for a chance at one of two \$500 prizes!

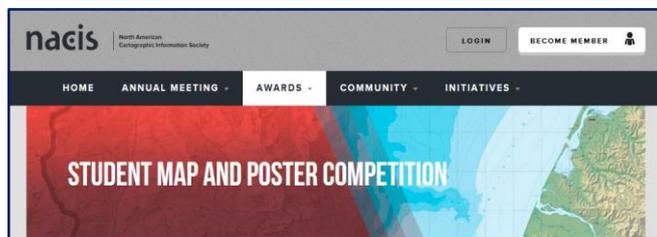
There are two competition categories: cartographic design quality and cartographic research quality. There is no entry fee. All entrants will be displayed in the Map Gallery, and the winners will be selected by a ballot of all meeting attendees.

Visit: [NACIS Student Map and Poster Competition](#)

Deadline: Entries for the 2018 competition must be received by **May 31st, 2018**.



No digital upload or mailing of your map is necessary; to compete, your map must be present at the [NACIS Annual Meeting](#) in Norfolk in 2018.



#### NACIS Student Dynamic Map Competition

NACIS recognizes the importance of dynamic mapping in cartography. We are sponsoring the 19th Annual Student Dynamic Map Competition to promote excellence and innovation in interactive cartography. There are two competition categories: individual projects and group projects.

Each map will be judged by a panel of three professional cartographers. The winners will be announced (and demonstrated) during the 2018 NACIS annual meeting in Norfolk.

Visit: [NACIS Student Dynamic Map Competition](#)

Deadline: Entries for the 2017-18 competition must be received by **May 31st, 2018**.

#### 4. 2018 Ristow Prize

The Ristow Prize encourages young scholars in the field of the history of cartography by recognizing outstanding papers. The competition is open to full- or part-time undergraduate, graduate and first-year post-doctoral students attending accredited colleges and universities anywhere in the world. The winner of the best paper submitted will receive a cash award of \$1000, a one-year membership in the Washington Map Society, and publication of the work in *The Portolan*, the Society's journal. Submissions are due **June 1, 2018**.

Comprehensive information, including a list of prior winners of the Prize, may be found on the Washington Map Society's website at [www.washmapsociety.org](http://www.washmapsociety.org)

5. The U.S. Agency for International Development is offering prize money for ways to combat the fall

armyworm, a crop-eating pest that has spread across sub-Saharan Africa.

The USAID warned last week the pests threaten the livelihood of millions of African farmers. "It is targeting maize, a vital staple crop for many families in Africa, and we are calling up on our partners to mobilize their solutions to work with us to control fall armyworms," said Regina Eddy, coordinator of the Fall Armyworm Task Force at the USAID Bureau of Food Security.

The agency is offering a prize of \$150,000 for the most viable solution, two awards of \$75,000 to the "most promising" solutions, and two awards of \$50,000 to an "early stage" solution that shows the most potential.

More details at <https://www.voanews.com/a/usaid-offering-prize-money-to-combat-fall-armyworm-in-africa/4364446.html>



6. The American Geographical Society (AGS) is accepting applications for the AGS Geography Teacher Fellows Initiative for the 2018-19 year. The application deadline is June 22. This is a professional development program specifically for US geography teachers who teach Advanced Placement Human Geography in high school. More information available [here](#).