



GeoForAll

Monthly Newsletter



Be part of "Geo for All"

Table of Contents

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

4. Conferences

Europe

March 2025

1. 16-17: [EUROGEO](#) (details soon)

Venue: Skopje, North Macedonia

2. 31: "Shaping the Future of Data Ethics: EDI Town Hall 2025."

Venue: TUM Think Tank, Munich School of Politics and Public Policy, Richard-Wagner-Straße 1, 80333 Munich, Germany (details in section "Ideas/Information")

June 2025

3. 4-5: [GEO Business 2025](#)

Venue: ExCeL London, United Kingdom

Oceania

October 2025

4. 13-16: [International Data Week's SciDataCon 2025](#)

Venue: Brisbane, Australia

North America

March 2025

5. 3-6: [2025 GIS/Valuation Technologies Conference](#)

Venue: Hilton Columbus Downtown, Columbus, Ohio, USA

April 2025

6. 7-10: [2025 GIS-T Symposium](#)

Venue: Portland, Oregon, USA

7. 16-18: [2025 PA GIS Conference](#)

Venue: The Penn Stater Hotel and Conference Center, State College, Pennsylvania, USA

8. April 30 - May 2: [CNG Conference 2025](#)

Venue: Snowbird, Utah, USA

May 2025

9. 20-22: [2025 Indiana GIS Conference](#)

Venue: Crowne Plaza at Union Station, Indianapolis, Indiana, USA

June 2025

10. 16-19: [Hexagon LIVE 2025](#)

Venue: Las Vegas, USA



Editorial Board

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

<p>Chief Editor</p> 	<p>Nikos Lambrinos, Professor, Dept. of Primary Education, Aristotle University of Thessaloniki, Greece. President of the Hellenic digital earth Centre of Excellence labrinos@eled.auth.gr</p>	Oceania
<p>Co-editor</p> 	<p>Rizwan Bulbul, Assistant Professor of GIScience Head of Geospatial Research and Education Lab Department of Space Science, Institute of Space Technology, Islamabad, Pakistan bulbul@grel.ist.edu.pk</p>	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.
<p>Co-editors</p> 	<p>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 it-technologies@yandex.ru</p>	Russia, Mongolia, China, Japan, S. Korea, Vietnam, Thailand, Malaysia, Laos, Myanmar, Cambodia, Singapore, Brunei, Indonesia, Philippines, Turkmenistan, Uzbekistan, Tajikistan and Kyrgyzstan.
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<p>Co-editor</p> 	<p>Antoni Perez Navaro, Associate Professor at Universitat Oberta de Catalunya (UOC) Computer Sciences and Multimedia Department aperezn@uoc.edu</p>	Italy, Malta, Spain, Portugal, France, Belgium, The Netherlands, Luxemburg.
<p>Co-editor</p> 	<p>Emma Strong Planner with Pueblo County, Colorado eestrong118@gmail.com</p>	North and Central America
<p>Co-editor</p> 	<p>Sergio Acosta Y Lara, Departamento de Geomática Dirección, Nacional de Topografía, Ministerio de Transporte y Obras Públicas, URUGUAY sergio.acostaylara@mtop.gub.uy</p>	South America
<p>Co-editor</p> 	<p>Codrina Ilie, PhD student at the Technical University of Civil Engineering, Bucharest, Romania</p>	The Balkans, Ukraine, Moldavia, Estonia, Lithuania, Belarus, Latvia, Hungary, Czech Republic, Slovakia
<p>Production Designer</p> 	<p>Nikos Voudrslis, MSc, PhD in geography education. nvoudris@gmail.com</p>	Design and final formation of the newsletter
	<p>Paulo César Coronado Sánchez, Professor of computer sciences at Universidad Distrital Francisco José de Caldas, Head of GISEPROI and OSGeoLabUD research Group. Bogotá, Colombia paulocoronado@gmail.com</p>	Translator and designer of the Spanish Edition



GeoForAll Themes

▪ OpenCity Smart

Theme under revision

▪ Teacher Training & School Education

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

➤ Mail list: geoforall-teachertraining@lists.osgeo.org

➤ Website: 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

▪ 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

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.

Africa Region

Chairs: Msilikale Msilanga (Tanzania), 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

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

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



GeoAmbassador Content table

July 2016, Vol.2, no.7	Prof. Georg Gartner, Vienna University of Technology
Aug 2016, Vol.2, no.8	Prof. Silvana Philippi Camboim, Federal University of Paraná, Brazil
Sep 2016, Vol.2, no.9	Nimalika Fernando, Sri Lanka
Oct 2016, Vol.2, no.10	Sergio Acosta Y Lara, Montevideo Uruguay
Nov 2016, Vol. 2, no. 11	Victoria Rautenbach, Centre of Geoinformation Science Univ. of Pretoria, South Africa
Dec 2016, Vol.2, no.12	Dr. Daria Svidzinska, Taras Shevchenko National University of Kyiv, Ukraine
Jan 2017, Vol.3 no.1	Dr. Mark Ware, University of South Wales, UK
Feb 2017, Vol.3, no. 2	Dr. Rafael Moreno Sanchez, Department of Geography and Environmental Sciences, University of Colorado Denver, USA
March 2017, Vol.3 no.3	Dr. Tuong Thuy Vu, School of Environmental and Geographical Sciences, University of Nottingham, Malaysia campus
April 2017, Vol.3 no.4	Michael P. Finn, U.S. Geological Survey
May 2017, Vol.3 no.5	Dr. Peter Mooney, Maynooth University, NASA
June 2017, Vol.3 no.6	Patrick Hogan, NASA
July 2017, Vol.3 no.7	Prof. Dr. Josef Strobl, Salzburg
September 2017, Vol.3 no.9	Bridget Fleming, South Africa
October 2017, Vol.3 no.10	Sven Schade, Joint Research Centre, Italy
November 2017, Vol.3 no.11	Luciene Stamato Delazari, Universidade Federal do Paraná in Brazil
December 2017, Vol.3 no.12	Charlie Schweik, Univ. of Massachusetts, USA
January 2018, Vol.4 no.1	Julia Wagemann, European Centre for Medium-Range Weather Forecasts
February 2018, Vol.4 no.2	Barend Köbben, Department of Geo-Information Processing University of Twente
March 2018, Vol.4 no.3	Kurt Menke, Birds Eye View
April 2018, Vol.4 no.4	Dr. Clous Rinner, Department of Geography and Environmental Studies at Ryerson University, Toronto, Canada
June 2018, Vol.4, no.6	Martin Landa, Department of Geomatics, Faculty of Civil Engineering, Czech Technical University (CTU) in Prague

Lab of the Month, Content table

Aug 2015, Vol.1 no.1	Open Source Geospatial Lab, Kathmandu University, Nepal (Asia)
Sep 2015, Vol.1 no.2	FOSS4G Lab, University of Colorado Denver (USA)
Oct 2015, Vol.1, no.3	Open Source Geospatial Lab, University of Southampton, UK (Europe)
Nov 2015, Vol.1 no.4	The Northeast Institute of Geography and Agroecology of Chinese Academy of Science, China (Asia)
Jan 2016, Vol.2 no.1	Centre for Geoinformation Science, University of Pretoria, South Africa, (Africa)
Feb 2016, Vol.2 no.2	Open Source Geospatial Lab, University of Newcastle, UK, (Europe)
Mar 2016, Vol.2 no.3	SMART Open Source Geospatial Lab, University of Wollongong, (Australia)
Apr 2016, Vol.2 no.4	Regional Centre for Mapping of Resources for Development, Nairobi, Kenya (Africa)
May 2016, Vol.2 no.5	GeoDa Centre – Arizona State University, (USA)
June 2016, Vol.2 no.6	Dirección Nacional de Topografía – MTOP Montevideo, Uruguay, (South America)
July 2016, Vol.2 no.7	SIGTE – University of Girona, Spain (Europe)
August 2016, Vol.2 no.8	Open Source Geospatial Lab, Department of Geodesy and Surveying, Budapest Univ. of Technology and Economics, Hungary (Europe).
September 2016, Vol.2 no.9	Open Source Geospatial Lab, Faculty of Geodesy, University of Zagreb, Croatia, (Europe)
October 2016, Vol.2 no.10	Hellenic digital earth Centre of Excellence, Aristotle University of Thessaloniki, Greece, (Europe)
November 2016, Vol.2 no.11	Department of Geoinformatics, Palacký University in Olomouc, Czech Republic
December 2016, Vol.2 no.12	Asian Institute of Technology, Bangkok, Thailand
January 2017, Vol.3 no.1	Spatial Lab, Texas A&M, Corpus Christi, USA
February 2017, Vol.3 no.2	Open Source Geospatial Lab, Faculty of Civil Engineering, Belgrade, Serbia
March 2017, Vol.3 no.3	Geomatics and Earth Observation Laboratory (GEOLab), Politecnico di Milano, Italy
April 2017, Vol.3 no.4	Faculty of Civil Engineering, Department of Geomatics, Czech Technical University in Prague, Czech Republic
May 2017, Vol.3 no.5	the Laboratory of socio-geographical research of the University of Siena, ITALY
June 2017, Vol.3 no.6	A World Bridge program
July 2017, Vol.3 no.7	Department of Civil, Environmental and Mechanical Engineering of the University of Trento, Italy
August 2017, Vol.3 no.8	Institute of Geography, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovakia
November 2020, Vol.6 no.11	Universitat Oberta de Catalunya (UOC), Spain
January 2021, Vol.7 no.01	gvSIG Uruguay Community, Uruguay



5. Webinars

- If you want to start learning how to use QGIS, there are some excellent free resources at <https://www.gislounge.com/free-ways-to-learn-qgis/>

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](#)
- [Copernicus MOOC](#)
On going MOOCs in English.
The course addresses three key topics
 - Chapter 1 – Understanding Copernicus data and services – what they are, and how they can be accessed and used
 - Chapter 2 – Learning from success stories – understanding how existing Copernicus-enabled services and applications have been developed and deployed
 - Chapter 3 – Doing it yourself – acquiring the key skills and knowledge to develop and deploy Copernicus-enabled products and services and to navigate the Copernicus ecosystem.

11. Free books, educational materials, etc.

- Visit the YouTube QGIS channel at <https://www.youtube.com/channel/UCGS162t4hkOA0b35ucf1yng/videos> to get videos of QGIS applications, representations and ideas.

12. Article

[Pan Sharpen Landsat Imagery in QGIS](#)

By Caitlin Dempsey

[Measuring Tree Height With a Two-Satellite Constellation](#)

By Caitlin Dempsey

[Acronyms](#)

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

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

3DEP: 3-D Elevation Program

AAG: Association of American Geographers

AGI: Ambient Geographic Information

AGS: American Geographical Society

AGU: American Geophysical Union

AI: Artificial Intelligence

AM/FM: Automated Mapping/Facilities Management

AOSP: African Open Space Platform

API: Application Programming Interface

ASPRS: American Society for Photogrammetry and Remote Sensing

AURIN: Australian Urban Research Infrastructure Network

BBSRC: Biotechnology and Biological Sciences Research Council

BDS: BeiDou Navigation Satellite Demonstration System

BIM: Building Information Modelling

CAADP: Comprehensive African Agricultural Development Programme

CAD: Computer Aided Design

CaGIS: Cartography and Geographic Information Society



CCGI: Collaboratively Contributed Geographic Information

CEGIS: Center of Excellence for Geospatial Information Science

CEOS: Committee on Earth Observation Satellites

CHIRPS - Climate Hazards Group InfraRed Precipitation with Station data

CI: CyberInfrastructure

CLGE: The Council of European Geodetic Surveyors

CODATA: Committee on Data for Science and Technology

COGO: Coordinate geometry

CRC: Census Research Centre

CRS: Coordinate Reference System

CSA: Canadian Space Agency

CSSTEAP: Center for Space Science & Technology Education in Asia and the Pacific

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

FDO: FAIR (Find, Access, Interoperate, and Reuse) Digital Objects

FOSS: Free and Open Source Software

FOSS4G: Free and Open Source Software For Geospatial

GCP: Ground Control Point

GDAL: Geospatial Data Abstraction Library

GEO: Group on Earth Observations

GEO: Geosynchronous Earth Orbits

GloFAS: Global Flood Awareness System

GNSS: Global Navigational Satellite System

GODAN: Global Open Data for Agriculture and Nutrition

GPS: Global Positioning System

GPX: GPS Exchange Format

GRACE: Gravity Recovery and Climate Experiment (satellite program)

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

GSoC: Google Summer of Code

HLPF: High Level Political Forum (of UN)

HOT: Humanitarian OpenStreetMap Team

HPC: high-performance computing

ICA: International Cartographic Association

ICIMOD – International Centre for Integrated Mountain Development

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

IDE: Spatial Data Infrastructure

IFAD – International Fund for Agricultural Development

INSPIRE: Infrastructure for Spatial Information in Europe

IPCC – Intergovernmental Panel on Climate Change

IPGH: Pan American Institute of Geography and History

ISO: International Organization for Standardization

ISPRS: International Society for Photogrammetry and Remote Sensing

ISRO: Indian Space Research Organization

JAXA: Japan Aerospace Exploration Agency



KML: Keyhole Markup Language	RCMRD: Regional Centre for Mapping of Resources for Development
LBS: Location-Based Service	RDA: Research Data Alliance
LEO: Low Earth Orbits	ROSCOSMOS: Russian Federal Space Agency
LiDAR: Light Detection and Ranging	ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring
LOC: Local Organizing Committee	RUFORUM: Regional Universities Forum for capacity building in agriculture
LOD: Level Of Detail	SaaS: Software as a Service
MEO: Medium Earth Orbits	SAR: Synthetic Aperture Radar
MIL: Media and Information Literacy	SDG: Sustainable Development Goal
MoU: Memorandum of Understanding	SDI: Spatial Data Infrastructure
MSS: Multispectral Scanner	SIG: Geographic Information System
NAD: North American Datum	SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain
NARSS: National Authority for Remote Sensing and Space Sciences of Egypt	SPIDER: open SPatial data Infrastructure eEducation EtwoRk
NCSA: National Center for Supercomputing Applications	SQL: Structured Query Language
NDVI - Normalized Difference Vegetation Index	STISA 2024: Science Technology Innovation Strategy for Africa
NDWI - Normalized Difference Water Index	STSM: Short Term Scientific Missions
NED: National Elevation Dataset	SWIR: Short Wave Infrared
NEPAD: NEw Partnership for African Development	TIN: Triangulated Irregular Network
NGA: National Geospatial Intelligence Agency	UAV: Unmanned Aerial Vehicle
NHD: National Hydrologic Dataset	UML: Unified Modeling Language
NIR - Near-Infrared	UN-GGIM: United Nations Global Geospatial Information Management
NLCD: National Land Cover Dataset	USGS: U.S. Geological Survey
NOOSA: United Nations Office for Outer Space Affairs	USGIF: United States Geospatial Intelligence Foundation
NRSA: Indian National Remote Sensing Agency	VGI: Volunteered Geographic Information
NSDI: National Spatial Data Infrastructure	VNIR: Visible Near Infrared
NSF: National Science Foundation	XSEDE: Extreme Science and Engineering Discovery Environment
OECD: Organisation for Economic Co-Operation and Development	WCS: Web Coverage Service
OER: Open Educational Resources	WFS: Web Feature Service
OGC: Open Geospatial Consortium	WGCapD: Working Group on Capacity Building and Data Democracy
OHI: International Hydrographic Office	WGS: World Geodetic System
OSGeo: Open Source Geospatial Foundation	WISERD: Wales Institute of Social & Economic Research, Data & Methods
OSM: OpenStreetMap	
OTB: Orfeo Tool Box	
PPGIS: Public Participation in Geographic Information Systems	
PPSR: Public Participation in Scientific Research	
RBV: Return Beam Vidicon	



WMO: World Meteorological Organization

WMS: Web Map Service

WMTS: Web Map Tiles Services

WOIS: Water Observation Information System

WPS: Web Processing Service

13. Scholarships for students and staff

University of Exeter, UK, is happy to announce the launch of their new Exeter Excellence Scholarships!

They are offering a groundbreaking initiative of over £5 million in funding to outstanding students worldwide. Designed to foster a global academic community, these scholarships reflect an unwavering commitment to nurturing talent, diversity, and innovation.

The scholarships include:

- Undergraduate Awards of up to £5,000 for high-achieving students.
- Postgraduate Masters Awards of up to £10,000 for eligible master's applicants.
- Subjects Scholarships are available across a wide range of disciplines, including Sciences, Engineering, Business, Humanities, International Studies, and emerging fields like Computer and Data Science.

Beyond academic excellence, the Exeter Excellence Scholarships are designed to break down barriers. Recognising the financial and logistical challenges faced by international students, these scholarships reaffirm their mission to make world-class education accessible to talented individuals from all backgrounds.

These awards recognise outstanding academic achievement and support students from around the world to take their place in their vibrant, global University community.

Details at

<https://www.exeter.ac.uk/study/funding/international/>



17. Ideas / Information

1. If you are interested in educational material, then go to <https://www.osgeo.org/initiatives/geo-for-all/in-your-classroom/> where you can find software resources for your classroom. Also, go to “Resources” <https://www.osgeo.org/resources/> to get a guidance on how to use open source projects and tools.

2. By Suchith Anand, Professor of Exeter University, UK

On behalf of the Ethical Data Initiative (EDI) at the [TUM Think Tank](#) and the University of Exeter, we would like to invite you to participate in our first annual multi-stakeholder town hall meeting titled “Shaping the Future of Data Ethics: EDI Town Hall 2025.” The event will take place on March 31, 2025, at the TUM Think Tank, Munich School of Politics and Public Policy, Richard-Wagner-Straße 1, 80333 Munich.

The event and workshop will bring together EDI Affiliates, selected experts, and key stakeholders to discuss the future of research and data ethics, while collaboratively shaping plans for our activities and community. The programme will include updates on ongoing EDI activities in education, policy, and research, as well as insights from leading data practitioners, global institutions, and policy networks.

We are excited to introduce our two confirmed keynote speakers:

– Hilary Hanahoe, Secretary General of the Research Data Alliance (RDA)

– Xiao-Li Meng, Founding Editor-in-Chief of the Harvard Data Science Review and former Dean of the Harvard University Graduate School of Arts and Sciences

Parts of the event will be hybrid, however, we are pleased to offer a number of in-person places to our wider networks. Details at

<https://ethicaldatainitiative.org/2024/12/20/ethical-data-initiative-annual-townhall-event/>



If you are not yet registered, we invite you to join the Ethical Data Initiative as an Affiliate. Click here for the Affiliate registration form and additional information on how you can get involved and connect with our growing community at

<https://ethicaldatainitiative.org/join-community/>

If you have any questions or need further information, please do not hesitate to contact Kate at kathryn.bailey@ethicaldatainitiative.org



3. By Sergio Acosta y Lara, Departamento de Cartografía Digital Dirección Nacional de Topografía, Ministerio de Transporte y Obras Públicas, URUGUAY

CARLOS LÓPEZ-VÁZQUEZ, Head of the Academic Liaison Committee Cartography Commission, Pan American Institute of Geography and History is pleased to announce the Call for Applications to the eleventh edition of the "Prize for the Outstanding Master's thesis in Cartography, Geodesy and/or Geographic Information" organized by the Pan American Institute of Geography and History (PAIGH).



The call will open 1st June 2025 and will close 30th June 2025. In a few words, Master's level students graduated between 1st January 2020 and 31st December 2024 can apply. In addition, they should satisfy one of two conditions: a) be a citizen of any PAIGH member state, irrespective of the granting university, or b) have a degree granted by an accredited university in any PAIGH member state, irrespective of the student's citizenship. The candidates must write a scientific paper summarizing their work, a fact that justify an early announcement well before June.

The announcement can be downloaded from https://comisiones.ipgh.org/CARTOGRAFIA/remio/Tesis_MSc_2025/Poster_Premio_Cartografia_MSc_2025_EN.pdf

Updates will be available soon at

https://comisiones.ipgh.org/CARTOGRAFIA/remioMSc_EN.html

To date, member states of PAIGH are Argentina, Belize, Bolivia, Brasil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, United States of America, Guatemala, Haití, Honduras, México, Nicaragua, Panamá, Paraguay, Perú, Dominican Republic, Uruguay and Venezuela.

