



The Pan-American Institute of Geography and History (PAIGH)  
*United States National Section*

# 2018 ANNUAL REPORT

<https://uspaigh.org>

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## Introduction

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Deirdre Dalpiaz Bishop, USNS PAIGH President

The United States of America National Section (USNS) of the Pan American Institute of Geography and History (PAIGH) is pleased to submit this report of USNS activities for the period of October 1, 2017 through September 30, 2018. Included are reports from the Geography, Cartography, Geophysics, and History Commission Representatives from within the USNS; summaries of significant activities and meetings; and the USNS roster.

The USNS appreciates having the honor of two members serving in leadership positions within PAIGH. For the past four years, Ms. Jean Parcher served as President of the Geography Commission while Dr. Patricia Solis served as Vice President. At the 21<sup>st</sup> General Assembly Meeting in Panama City last October, it was decided that Jean and Patricia would switch roles for the next four years. The USNS is grateful to both Jean and Patricia for serving as Authorities and providing leadership and direction for the organization. They have provided a new vision for the Geography Commission that serves to enhance communication and collaboration across member countries. We are confident that the Institute will continue to benefit from their dedication, credibility, and enthusiasm.



The leadership of the USNS has remained consistent over the past year. The USNS leadership team members have all maintained their roles as: Ms.



Helaina Stein,  
Department of State  
Hemispheric Security  
Organization of American  
USNS President and U.S.

Division Chief; Mr. Paul Cooper, USNS Vice-President; and Mrs. Ally Johnson, USNS Executive Secretary and U.S. Geological Survey Program Analyst.



Liaison and Political Officer for  
with the U.S. Mission to the  
States; Mrs. Deirdre Bishop,  
Census Bureau Geography

The USNS continues to benefit from the expertise of the USNS Commission Representatives who continue to serve as active members. The USNS is grateful that each Commission Representative faithfully maintains the positions they have held in previous years. Dr. Erick Langer, Georgetown University is Principal U.S. Representative to the Commission on History; Mr. Eric van Praag, Esri, serves in the role of Principal U.S. Representative to the Commission

on Cartography; Dr. David Salisbury, University of Richmond, as the Principal U.S. Representative to the Commission on Geography; and Dr. Jorge Bajo, SBA Communications Corporation, serves in his role as Principal U.S. Representative to the Commission on Geophysics.

Deirdre led the USNS delegation to the 21<sup>st</sup> General Assembly Meeting and Technical Meetings in Panama City, Panama, in October 2017. Additional United States delegates accompanied included Helaina, Jean, Patricia, Ally, Jorge, Dr. Thomas Field, Dr. Victor Heilweil, and Dr. Chris Castro.



The USNS Web page aids in promoting U.S. activities within PAIGH and facilitates communication both within the national section and with the public. The USNS Web site is available at: <https://uspaigh.org>. Dr. Diana Sinton, Geography Commission, continues to assist the USNS with webpage updates.

PAIGH celebrated its 90th Anniversary at Headquarters in Mexico City in March of this year. The event was attended by national representatives from PAIGH Member States and other government entities. The USNS was represented by Mr. Paul Cooper. During this celebration Mr. César Rodríguez Tomeo assumed the position of Secretary General of PAIGH from Dr. Rodrigo Barriga Vargas.



Ambassador Carlos Trujillo, U.S. Permanent Representative to the Organization of American States, arranged for payment of the assessed contribution to PAIGH in the amount of US \$162,784 in June of 2018. The United States fulfilled its total 2018 contribution obligation of \$324,568 in October of 2018.

This report is neither comprehensive nor exhaustive of the activities conducted by the USNS members, but it is representative of the nature of involvement and contributions that the USNS makes to PAIGH direct activities, goals, and strategic priorities.



## **PAIGH USNS Annual Meeting, Suitland, MD, March 7-8, 2018**

The 2018 USNS Annual Meeting was held March 7 and 8, 2018 at the United States Census Bureau Headquarters in Suitland, MD. Welcoming remarks were delivered by Mrs. Deirdre Dalpiaz Bishop, USNS President, and Mr. Paul Cooper, USNS Vice-President. The gratitude of the USNS extended to the U.S. Census Bureau for their generosity in hosting the meeting and lending of their very comfortable training facilities. Special thanks are given to Mr. Paul Riley, Mrs. Ally Johnson, Ms. Dolly Garcia Jove, and Mr. Gustavo Maldonado for their logistical planning and organizational support of the annual meeting.



The meeting had many invited presentations including, but not limited to the “3D Elevation Program: Status and Plans for National Data Coverage,” “Discovering Lake Coatepeque's Secrets Using sSingle Beam and Side Scan Sonars,” and “Autonomous Indians, Cattle, and Economic Development on the Chaco Frontier (1820-1920).” For a full listing of presentations provided, see Appendix 1, 2018 PAIGH USNS Annual Meeting Agenda.

Additionally, the members of the USNS continue to participate in monthly teleconferences to discuss ongoing business of the National Section.

## **Cartography Commission**

Eric Van Praag, Representative

The mission of the Cartography Commission is to promote the exchange of technical knowledge in Cartography, and to develop collaborative partnerships among member countries and between the PAIGH and other multi-national institutions. During 2018, the USNS Cartography Commission advanced activities in the Mapa Integrado de América Latina (MIAL) project, supported the GeoSUR Program, and planned future cooperation between Esri and PAIGH.

### **Mapa Integrado de América del Sur (MIAS) (Integrated Map of South America)**

In 2009, PAIGH provided funding and supported, with technical assistance provided by the US Geological Survey, a series of geospatial technical exchange workshops with representatives from all countries in Central America and Mexico. The principal activity and product of the workshops was to apply participatory cartography methods to harmonize and integrate their digital mapping data for the region at the 1:250,000-scale or better to develop an Integrated Map of Central America (MIAC). The MIAC regional map was completed in 2013.

This project led to the development of an Integrated Map of the Northern Andes (MIAN), with financial and technical support from CAF (the Latin American Development Bank), Spain's National Institute of Geography, the US Department of the Interior, and the United States Agency for International Development (USAID). The MIAN digital map was completed in 2016. The success achieved in the development of these two regional maps lead to the production of the Mapa Integrado de America del Sur (MIAS), the last piece needed to complete a seamless digital map of Latin America. The MIAS regional map will be completed in the second semester of 2018, and it will be integrated with the MIAN and the MIAC. There are also plans to produce an integrated map of North America, potentially using similar methodologies, scales and database schemas to those used in the production of the MIAL, to produce an integrated map of the Americas.



The first two workshops were held in Fiscal Year 2017. The third MIAS workshop was held in Montevideo, Uruguay at the Military Institute of Higher Learning in November of 2017. The third workshop was instrumental in:

- Integrating French Guyana and Venezuela in the project;
- Helping to resolve country contours;
- Solving remaining geomatic problems;
- Considering alternatives for implementing download services;
- Reviewing methodologies to generate hydrographic networks; and
- Delivering the first version of the MIAS data and hydrographic networks.



The fourth MIAS workshop was held at the Military Geographic Institute of Chile in May 2018. The objective of the workshop was to review the methodology used to integrate national data into a regional map, to define the mechanisms for sharing data with the public, and to plan the integration with the two previous regional maps (Central America and Northern Andes). Roberto Lugo provided technical assistance and support for the MIAS project during this reporting period, as well as supporting the third and fourth workshops.

The MIAS project is ending with the 5th and final workshop taking place in Santa Cruz de la Sierra, Bolivia from September 10-14, 2018. This project has been a great example of how PAIGH can be of great benefit to the member countries. These 5 workshops organized by

PAIGH, with the assistance from the Geographic Institutes of the hosting countries, CNIG from Spain, and USGS technical support, brought together mapping experts from all of the countries in South America.

During these workshops participants worked to prepare their data to match neighboring countries data then afterwards contributed their corrected mapping data, to create the integrated map of South America. The participation by all the countries in South America and their data contribution were the main factors in making this project a success. The integrated map of South America once completed will be composed of seven digital data layers from the official geographic institutes of each country. There will also be a separate derived dataset that will be the hydrographic network at a scale of 1:200K.

Once completed the data will be viewable and downloadable through GeoSur ([www.geosur.info](http://www.geosur.info)) website. The target time frame for the data to be available for viewing and downloading is the spring of 2019. There are some final checks to be done on the data after the workshop in Bolivia. Finally, PAIGH must obtain the approval from officials of each of the participating countries before making the data available for downloading.

### **Transboundary Hydrography Collaboration, and North American contributions to the Integrated Map of the Americas (IMA) Meeting**

Dr. Mike Tischler, USNS Cartography member and Director of the National Geospatial Program, USGS, hosted a meeting with representatives from the national mapping agencies of Canada (Natural Resources Canada (NRCan) and Environment and Climate Change Canada (ECCC)), Mexico (Instituto Nacional de Estadística y Geografía (INEGI)), and the United States (U.S. Geological Survey (USGS)), in Reston, VA, at the U.S. Geological Survey to discuss topics of mutual interest and importance. In addition to the USGS National Mapping Agency, the U.S. Census Bureau was also represented.



They shared the status and plans of each country for national-scale hydrographic and topographic mapping. They also explored the potential for new or additional collaborations related to two major efforts: Cross-border hydrographic data harmonization and the North American contributions to the Integrated Map of the Americas (IMA).

Cross-border hydrographic data harmonization – INEGI and NRCan/ECCC have been working with the USGS for more than a decade to integrate and harmonize hydrography and watershed boundaries data along the US-Mexico and US-Canada borders. The collaboration and partnership has been outstanding, resulting in foundational geospatial datasets supporting requirements and mapping goals in all three countries. Going forward, future collaborative work will focus on maintenance and updating of the harmonized data and the potential to jointly develop new hydrographic data models and techniques for linking data to the network.

North American contributions to the Integrated Map of the Americas (IMA) – PAIGH has promoted and sponsored the creation of the IMA over the past several years. While Central and South American countries have been involved in this vision, to date, the North American mapping agencies have not been active in IMA. This effort outlines basic themes, general standards, and is designed in a participatory manner to allow member countries to contribute without the need to generate new data sources.

The three countries participating in the meeting acknowledged the value of the effort and expressed an interest in increasing their participation, beginning with an assessment of their current datasets and resources required to contribute.

The representatives were appreciative of the opportunity to meet at the continental level, and to discuss strategic actions related to the two major themes of the meeting. The lead representatives from the participating agencies will continue to advance the outcomes identified and maintain the momentum of the meeting.



### **GeoSUR Program**

Eric van Praag, USNS Representative to the PAIGH Cartography Commission, provided support to the GeoSUR Program during this reporting period. Eric and Mr. Santiago Borrero, Coordinator of the GeoSUR Program, held periodic phone calls and virtual meetings to solve technical issues and to review and discuss several enhancements planned for the regional GeoSUR platform. Esri continued the provision of technical assistance for the migration of the GeoSUR metadata catalog to the latest version of Geoportal Server.

### **Esri-PAIGH MoU**

Representatives from Esri, the PAIGH Secretariat, and the USNS continued the preparation of an MoU - and associated Annex - that aims to increase collaboration between these agencies. The MoU outlines general collaboration in GIS and geography - without committing to specific deliverables or outcomes, while the Annex describes specific collaboration venues.

## **Geography Commission**

Dr. David Salisbury, Representative

This past year, the USNS Geography Commission advanced activities focused around the Research and Education Committees of the now four-fold committee structure of PAIGH. The



committees of Communication and Diffusion, and Participatory Initiatives and Integrated Projects, remain to be consolidated.

The role of the USNS Geography Commission is to help foster collaboration among geographers of the Americas through its member activities and its participation in PAIGH programs.

The USNS Geography Commission is strengthened by two members who lead PAIGH's Geography Commission as the President, Dr. Patricia Solís, and Vice-President, Geographer Jean Parcher. Their leadership ensures an active representation of the USNS commission at the highest level.

### **Work Plan**

The work plan of the Geography Commission emphasizes the aim of championing geographic research at the Pan American level, spurring the educational community towards collaborative production of scientific and geographic knowledge, and backing the goals of the PAIGH 2010-2020 Pan American Agenda in interdisciplinary coordination with the other Commissions.

Implementation of the work plan is to be interactive and strengthen communication with Member States. USNS Geography Commission Members are contributing leadership to the Pan American Working Groups by participating in two proposals for PAIGH funding:

- Taller del Grupo Geográfico Transfronterizo de la Amazonia Sudoccidental (GTASO) para Mitigar los Desafíos Ambientales en la Amazonía Peruana y Brasileña; and
- Desarrollo Colaborativo del Atlas del Cambio Climático de las Américas: Taller Participativo 1.

### **Conferences and Meetings**

#### **The American Association of Geographers Annual Meeting**

The American Association of Geographers Annual Meeting was held April 10–14, 2018 in New Orleans, Louisiana. This conference hosted 8,550 geographers, GIS specialists, environmental scientists, and other registrants from around the world sharing the very latest in research, policy, and applications in geography, sustainability, and GIScience. The featured themes of the week-long event were: Black Geographies; Hazards, Geography & GIScience; and Public Engagement in Geography. Of those attending, thousands, representing almost 32 percent came from countries other than the USA, which continues a steady trend toward increased international participation at AAG Meetings. This year, attendees came from 84 different countries. The largest participation of scholars from outside of the U.S. came from Canada, United Kingdom, China, Germany, Australia, France, Sweden, Republic of Korea, and the Netherlands, among



Opening Plenary, AAG Annual Meeting, New Orleans, LA, USA.

many others. The international attendance greatly enriched the intellectual and social events throughout the week-long conference.

The **Conference of Latin Americanist Geographers** 2018 Annual Meeting took place in San José, Costa Rica, May 20-22, 2018. The conference included 210 registered participants giving presentations on topics spanning the discipline of geography. Particularly rewarding to the US National Section's Geography Commission is that two of the members received awards:



Dr. Patricia Solís received the ENLACES AWARD at CLAG 2018, Costa Rica

- Dr. Patricia Solís, President of the PAIGH Geography Commission, received the ENLACES AWARD: Given in recognition of contributions to improving relationships between geographers and geography departments throughout Latin America. Recipients will have demonstrated success and commitment towards this goal; and



Dr. David Salisbury received the PRIVATE SECTOR & GOVERNMENT AWARD at CLAG 2018

- Dr. David Salisbury, Representative of the USNS Geography Commission, received the PRIVATE SECTOR & GOVERNMENT AWARD: Given in recognition of contributions to enhancing and disseminating knowledge of the geography of Latin America to professionals in government or the public in the private sector. IPGH webpage:

<http://www.ipgh.org/clag.html>. Photo Journal:

[https://drive.google.com/drive/folders/1jxi2Vn\\_qJP4LqShiWG6R1izsDdXKjqFI](https://drive.google.com/drive/folders/1jxi2Vn_qJP4LqShiWG6R1izsDdXKjqFI)

### Library of Congress Tour

On Saturday, June 9, 2018, four PAIGH officers were given a Spanish language tour of the Thomas Jefferson Memorial Building, Library of Congress (LOC), in Washington D.C. by Chely Sandoval, Geography Commission member and LOC Docent. The architecture and history of the Library of Congress is the product of American culture and nationalism with buildings named after three U.S. presidents and founding fathers. The Jefferson building is one of three buildings which make up the Library of Congress. The others are the John Adams and James Madison Memorial Buildings.



In 1800, the Library of Congress was established and originally housed in the Capitol. Since 1897, the new building of the Library of Congress opened its doors in D.C. and was renamed the Jefferson building in 1980. The Library of Congress is the largest library in the world open to the general public, with over 160 million items, including books, maps, recordings, and photographs.

Looking forward to the coming year, the U.S. Geography Commission will continue to pursue appropriate activities within these priority areas. These activities will continue to add value to and support both the USNS work and the direction of PAIGH in terms of geographic research, geographic education, and the strengthening of institutions of geography in academic, public, and private sectors.

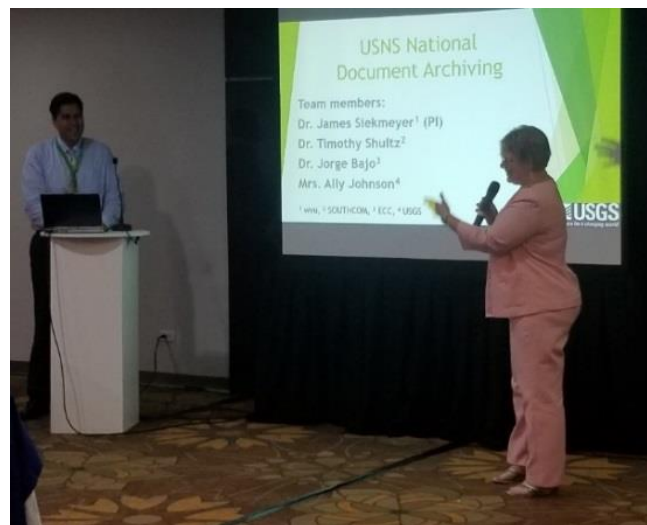
## **History Commission**

Dr. Erick D. Langer, Representative

The History Commission continues to work on a number of projects that will benefit PAIGH and the scholarly community in the Americas at large.

The *History of the Americas* project continues. The idea is to publish a history of the Western Hemisphere in one volume, written by scholars of the hemisphere. The three co-editors are Patricia Galeana of Mexico, Andre Figueiredo of Brazil, and Erick Langer. As discussed in last year's report, the financial crisis in Brazil has created some problems in the continued planning of the project. However, Andre Figueiredo and Erick Langer have continued discussions via virtual conferences and have planned to have the Table of Contents for all the chapters finished by late this year or early next year.

The other project in which the History Commission is involved is the preservation of the U.S. Section PAIGH archives. Mrs. Ally Johnson and Dr. Jim Siekmeyer are leading this project, with the help of Dr. Jorge Bajo and Dr. Tim Schultz. Ally and Jorge presented the project progress at the Technical Committee meetings in Panama to the other History National Sections represented. Since U.S. PAIGH is connected to the U.S. government, the only thing missing is to use the standards of the National Archives to select and classify the documents in electronic form. The Archiving team also is working on an article, tentatively titled "United States National Section Archiving Project: One and a Half Years On" that they are going to present to a PAIGH journal for publication.







Erick Langer in Judicial Archives of La Concepción, Tarija, Bolivia

Dr. Erick Langer was active in the field this summer, researching in Bolivia on llamas and environmental change and on the persistence of using trees for the support of grape vines in the vineyards of Camargo and Cotagaita, Bolivia and their environmental benefits. This included working in Concepción, Tarija, where he gleaned extensive new information from notarial records. Erick appeared in two radio programs in Tarija, Bolivia, discussing Tarija's role in the economic history of South America and the world.

The History Commission participated fully in this year's U.S. PAIGH Annual Meeting. Two of our members gave presentations on their research at the meeting:

- Erick Langer, "Vacant Land [Tierras Baldías] and Indigenous Land Tenure on the Frontier in Bolivia, 1825-1920;" and
- Thomas Fields, "Bolivia's 1965 Miner Massacres in a Global Context."

In addition, the History Commission has actively celebrated the 90<sup>th</sup> anniversary of PAIGH through the design of posters and publications.



Vineyards of La Concepción, Tarija, Bolivia

## **Geophysics Commission**

Dr. Jorge V. Bajo Sanchez, Representative

Once again, the USNS Geophysics Commission continued to grow with the new addition of Dr. Victor Heilweil, USGS Regional Science Advisor in the Western Hemisphere in the Branch of International Science Advisors. Dr. Jorge Bajo also contacted two new investigators to join the commission - Dr. Brian Jicha, associate research scientist, University of Wisconsin-Madison, and Dr. Brittany Brand, assistant professor, Boise State University, whose project in Mount St. Helen is already approved by PAIGH

The Geophysics Commission of the Pan American Institute of Geography and History has a new president, Dr. Mario Ruiz Romero, Geophysics Institute of Ecuador, Ecuador National Section.



He is replacing Dr. Walter Fernandez from the National Section of Costa Rica, who has been a great supporter of the US researchers and projects.

Dr. Christopher L. Castro continues to be the Principal Coordinator for the Climate Change Committee for the PAIGH Geophysics commission and as such, was invited and participated in the 21<sup>st</sup> General Assembly and the Technical Committee Meetings. Dr. Bettina Martinez-Hackert and Dr. Jorge V. Bajo Sanchez were also invited by Dr. Walter Fernandez, President, PAIGH Geophysics Commission, to participate and present in the 21<sup>st</sup> Technical Committee held in Panama, Panama on October 23<sup>rd</sup>-24<sup>th</sup>, 2017 where the work by Dr. Dr. Brittany Brand and her colleague Dr. Damiano Sarocchi was also featured. This shows once more the importance of the work done by members of the USNS Geophysics Commission.



### **Projects**

The USNS Geophysics Commission continued to be prolific within their ranks participating in different projects within PAIGH as well as submitting projects for 2019.

Jorge is one of the four members of the National Section Document Archiving project that was awarded funding by the History Commission. The project continues to move forward, and results have been presented at the USNS meeting and at the 21<sup>st</sup> General Assembly and the Technical Committee Meetings with positive feedback. An article for one of the PAIGH sponsor journals is in the process for submission at the request of the President of the History Commission.

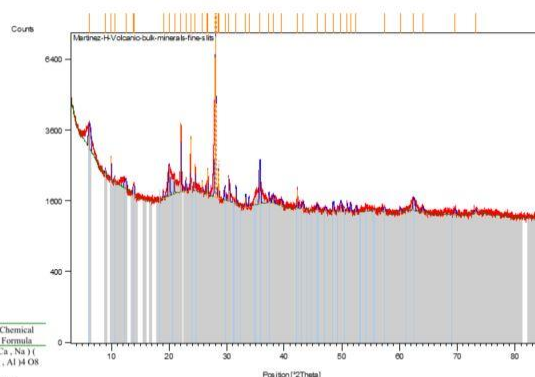
This project proposes to learn the already-existing standards used by the PAIGH main office in Mexico to archive documents. Sample types of documents include partial and final reports, conference minutes, meeting resolutions, etc., but certainly not limited to those. It also proposes to improve and modify if necessary the already-existing mechanisms so that better document management techniques can be implemented with the documents of the various National Sections. The U.S. National Section will also create a procedure on how to standardize and archive its records, not only digitally, but also in hard copy.

Dr. Bettina Martinez-Hackert and Jorge continued their work on the project *Estudio batimétrico, hidrográfico y topográfico de la base del Lago Coatepeque, El Salvador, usando sondeo Mono-Haz y un escaneo lateral SONAR* which was approved and supported by the Geophysics and Geography Committees in 2016. Bettina went to El Salvador with an undergraduate student and collected more data that was then analyzed by Jorge and her at Buffalo State.

Lake sediment analysis via X-ray diffraction reveals glass particles and anorthite minerals, congruent with hydrothermal fluid injection from a felsic magma in contact with groundwater into the lake.

Pattern List: (Bookmark 4)

Visible	Ref. Code	Score	Compound Name	Displacement [°2θ]	Scale Factor	Chemical Formula
*	00-041-1481	58	Anorthite, sodian, disordered	0.000	0.317	Ca <sub>0.9</sub> Na <sub>0.1</sub> Si <sub>1</sub> Al <sub>0.9</sub> O <sub>8</sub>
*	01-082-0511	39	Quartz	0.000	0.099	SiO <sub>2</sub>
*	01-089-8104	35	Disordered (H) oxide	0.000	0.073	Fe <sub>2</sub> O <sub>3</sub>
*	01-084-0034	26	Goethite	0.000	0.193	K <sub>2</sub> Ca <sub>5</sub> (Si <sub>4</sub> O <sub>16</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub>
*	00-051-1491	21	Lavendulan	0.000	0.023	Na <sub>2</sub> Ca <sub>2</sub> Cu <sub>5</sub> (AsO <sub>4</sub> ) <sub>4</sub> Cl <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub>
*	01-089-6455	27	Clinochlore IIb-2 (Cr-bearing, dehydrated)	0.000	0.102	Mg <sub>3</sub> (Mg <sub>2</sub> Al <sub>1</sub> )(Si <sub>3</sub> Al <sub>1</sub> )O <sub>10</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub>
*	01-083-1246	28	Phosphophyllite	0.000	0.092	Zn <sub>2</sub> Fe <sub>2</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub>



lake sediment analysis from the 2016 discoloration

Digibar Julio 2017

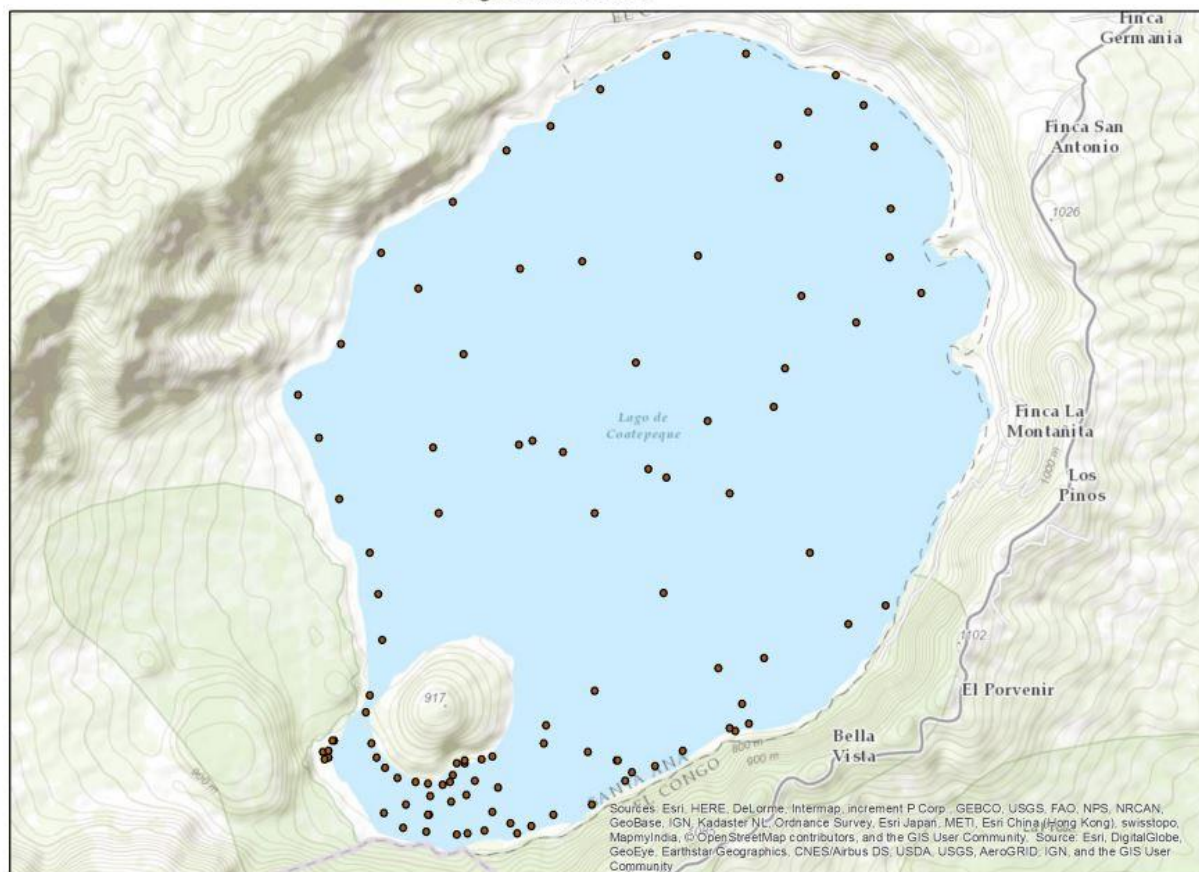
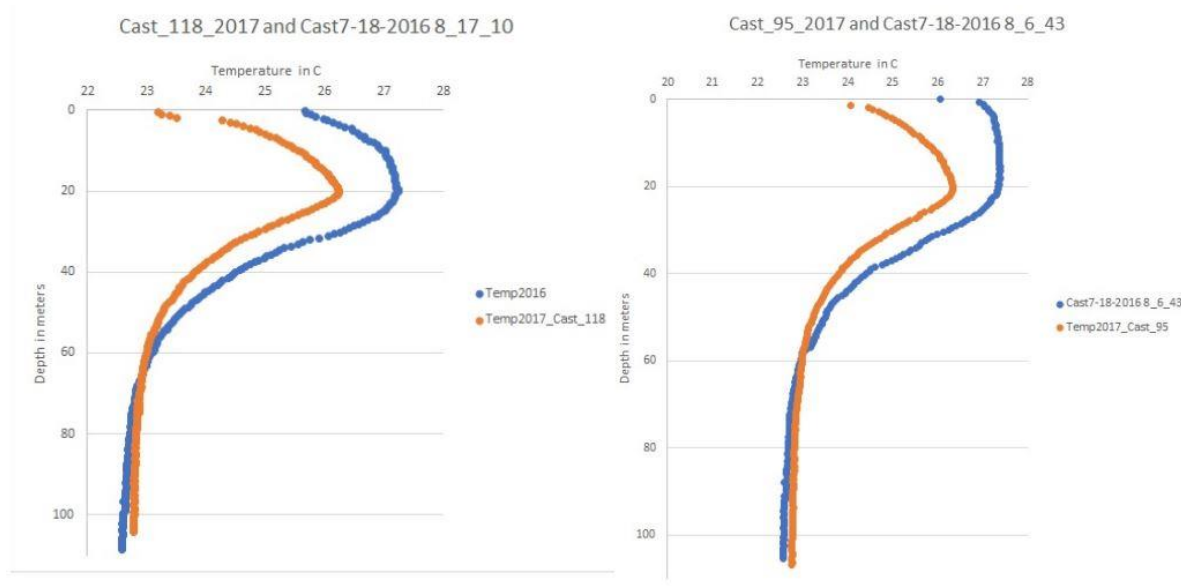


Figure 1 Locations of the 2017 Digibar measurements



*Figure 2 Graphs showing temperature difference between 2016 and 2017.*

### **Research, Papers and Presentations**

Dr. Chris Castro continues to be active in his climate change research. Through support of a NEXUS-Fulbright fellowship, Chris has been helping to develop the use of climate change projection data generated by regional atmospheric modeling.

Bettina continues to work with the NGO La Fundacion Coatepeque as a scientific consultant for current psychical changes of the lake waters and worries from community members due to these changes. She has participated in video and phone calls with members from the NGO, industry and academia to talk about what it is happening in the lake. Discussions have started for planning of new field work data collection with new instrumentation.

Dr. Damiano Sarocchi group has been very active with their project on Mount St. Helens and continues to write grant applications and expanding their research. Their project has produced several presentations and publications in professional meetings and scholarly journals.

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<b>Member</b>	Dr. Lynn E. Usery Research Physical Scientist National Geospatial Program U.S. Geological Survey 1400 Independence Road Rolla, MO 65401 E-mail: <a href="mailto:usery@usgs.gov">usery@usgs.gov</a>	Tel: 573-308-3652
<b>Member</b>	Dr. Mike Tischler Director, National Geospatial Program U.S. Geological Survey 12201 Sunrise Valley Dr. 511 Reston, VA 20192 E-mail: <a href="mailto:mtischler@usgs.gov">mtischler@usgs.gov</a>	Tel: 703-648-4725
<b>Member</b>	George Troop National Geospatial-Intelligence Agency 7500 GEOINT Dr. Springfield, VA 22150 E-mail: <a href="mailto:george.g.troop@nga.mil">george.g.troop@nga.mil</a>	Tel: (571) 557-6546
<b>Member</b>	Roberto Lugo Retired USGS 4633 14 <sup>th</sup> Ave. Sacramento CA 95820 E-mail: <a href="mailto:rslugo@yahoo.com">rslugo@yahoo.com</a>	Tel: (916) 616-1362

## **Policy Committees**

### **Technical Assessment Committee (Scientific and Technical Secretariat)**

#### **Principal Member – Alvaro Alvarez Calderon – Costa Rica**

No U.S. Representation

### **Committee on Institutional Strengthening and Technical Cooperation**

#### **Principal Member – Rigoberto Magana Chavarria – El Salvador**

No U.S. Representation

### **Cartography Journal Editor Committee**

#### **Principal Member – Maria Ester Gonzalez - Chile**

<b>Member</b>	Dr. Osvaldo A. Muñoz-Solari Professor, Department of Geography Texas State University - San Marcos 601 University Drive San Marcos, Texas 78666 E-mail: <a href="mailto:o.muniz@txstate.edu">o.muniz@txstate.edu</a>	Tel: (512) 245-0375
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### **Network and Academic Cooperation Committee**

#### **Principal Member – Carlos Lopez - Uruguay**

No U.S. Representation

## Technical Committees and Working Groups

### Geographic Information Rules and Standards

#### Principal Member – Freddy Gutierrez - Colombia

No U.S. Representation

### Topical Cartography Committee

#### Principal Member - Vacant

No U.S. Representation

### Aeronautical Charts (Working Group)

#### Principal Member - Vacant

No U.S. Representation

### Nautical Charts (Working Group)

#### **Principal Member**

Paul R. Cooper  
405 Old Town Ct.  
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#### **Member**

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Fax: (571) 558-3213

### Tactile Cartography (Working Group)

#### Principal Member – Teresa Barrientos - Chile

No U.S. Representation

### Geospatial Data Infrastructure Committee

#### Principal Member – Xavier Molina - Ecuador

No U.S. Representation

### Reference System for the Americas (SIRGAS) (Working Group)

#### Principal Member - Vacant

No U.S. Representation

### Geographic Names (Working Group)

#### **Principal Member**

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### Integrated Map of the Americas (Working Group)

#### Principal Member – Paulina Guerron - Ecuador

No U.S. Representation

### Trends in Geographic Information (Working Group)

#### Principal Member – Luis Vilches - Colombia

No U.S. Representation

## Commission on Geography

### Representation

#### Representative

Dr. David Salisbury  
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### Committee Members: US Geography Commission

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**Education Committee**  
**Principal Member**

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**Committee on Communication and Dissemination**

No U.S. Representation

**Committee on Participatory Initiatives/Integrated Projects**

No U.S. Representation

## Commission on History

<b>Representative</b>	Dr. Erick Detlef Langer Department of History Georgetown University 37 <sup>th</sup> and O Streets, N.W. Washington, DC 22207-3401 E-mail: <a href="mailto:langere@georgetown.edu">langere@georgetown.edu</a>	Tel: (202) 687-7386 Fax: (202) 687-0142
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<b>Member</b>	James Siekmeier Assistant Professor Department of History West Virginia University 220E Woodburn Hall Morgantown, WV 26506 E-mail: <a href="mailto:james.siekmeier@mail.wvu.edu">james.siekmeier@mail.wvu.edu</a>	Tel: (304) 293-2421
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<b>Member:</b>	Timothy Schultz, J.D. Staff Historian United States Southern Command Office of the Command Historian 9301 NW 33rd St., Room 2519 Doral, FL. 33172 E-mail: <a href="mailto:timoth.a.schultz22.ctr@mail.mil">timoth.a.schultz22.ctr@mail.mil</a>	Tel: (305) 437-2007
<b>Member:</b>	Dr. Thomas C. Field Jr. Chair and Associate Professor Department of Global Security and Intelligence Studies College of Security and Intelligence Embry-Riddle Aeronautical University 3700 Willow Creek Road Prescott, AZ 86301	Tel: (928) 777-6978

## Commission on Geophysics

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<b>Alternate Representative</b>	Dr. Bettina Martinez-Hackert Assistant Professor Department of Earth Science and Science Education SUNY College at Buffalo (Buffalo State College) 1300 Elmwood Ave. Buffalo, NY 14222 E-mail: <a href="mailto:BettinaMartinezHackert@gmail.com">BettinaMartinezHackert@gmail.com</a>	Tel: (716) 878-5005 Cell: (716) 907-1401
<b>Member</b>	Brian Jicha Manager, WiscAr Laboratory Department of Geoscience University of Wisconsin-Madison 1215 W. Dayton Street Madison, WI 53706 E-mail: <a href="mailto:brian.jicha@wisc.edu">brian.jicha@wisc.edu</a>	Tel: (608) 265-1862
<b>Member</b>	Dr. Christopher L. Castro Department of Atmospheric Sciences University of Arizona Physics and Atmospheric Sciences Building, Room 520 1118 E. Fourth St. Tucson, AZ 85721 E-mail: <a href="mailto:castro@atmo.arizona.edu">castro@atmo.arizona.edu</a>	Tel: (520) 626-5617 Fax: (520) 621-6833
<b>Member</b>	Victor Heilweil Western Hemisphere Science Adviser US Geological Survey – International Programs 12201 Sunrise Valley Drive, Room 3A400A Reston, VA 20192 E-mail: <a href="mailto:heilweil@usgs.gov">heilweil@usgs.gov</a>	Tel: (703) 648-6012 Fax: (801) 230-8401
<b><u>Natural Disasters Committee</u></b>		
<b>Member</b>	Dr. Jorge V. Bajo Sanchez GIS Specialist SBA Communications Corporation 8051 Congress Avenue Boca Raton, Florida 33487-1307 E-mail: <a href="mailto:jvbajo@gmail.com">jvbajo@gmail.com</a>	Tel: (716) 907-1400

### **Applied Geophysics Committee**

<b>Member</b>	Dr. Bettina Martinez-Hackert Assistant Professor Department of Earth Science and Science Education SUNY College at Buffalo (Buffalo State College) 1300 Elmwood Ave. Buffalo, NY 14222 E-mail: <a href="mailto:BettinaMartinezHackert@gmail.com">BettinaMartinezHackert@gmail.com</a>	Tel: (716) 878-5005 Cell: (716) 907-1401
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### **Climate Change Committee**

<b>Principal Member</b>	Dr. Christopher L. Castro Department of Atmospheric Sciences University of Arizona Physics and Atmospheric Sciences Building, Room 520 1118 E. Fourth St. Tucson, AZ 85721 E-mail: <a href="mailto:castro@atmo.arizona.edu">castro@atmo.arizona.edu</a>	Tel: (520) 626-5617 Fax: (520) 621-6833
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### **Applied Geophysics and Interdisciplinary Studies Committee**

<b>Member</b>	Dr. Jorge V. Bajo Sanchez GIS Specialist SBA Communications Corporation 8051 Congress Avenue Boca Raton, Florida 33487-1307 E-mail: <a href="mailto:jvbajo@gmail.com">jvbajo@gmail.com</a>	Tel: (716) 907-1400
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<b>Member</b>	Dr. Bettina Martinez-Hackert Assistant Professor Department of Earth Science and Science Education SUNY College at Buffalo (Buffalo State College) 1300 Elmwood Ave. Buffalo, NY 14222 E-mail: <a href="mailto:BettinaMartinezHackert@gmail.com">BettinaMartinezHackert@gmail.com</a>	Tel: (716) 878-5005 Cell: (716) 907-1401
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<b>Member</b>	Victor Heilweil Western Hemisphere Science Adviser US Geological Survey – International Programs 12201 Sunrise Valley Drive, Room 3A400A Reston, VA 20192 E-mail: <a href="mailto:heilweil@usgs.gov">heilweil@usgs.gov</a>	Tel: (703) 648-6012 Fax: (801) 230-8401
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**PAN AMERICAN INSTITUTE OF  
GEOGRAPHY AND HISTORY**  
Specialized Organization of the  
Organization of American States

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UNITED STATES NATIONAL SECTION

## **Agenda**

**2018 Meeting of the U.S. National Section  
Pan American Institute of Geography and History  
U.S. Census Bureau Building  
Suitland, MD  
March 7 & 8, 2018**

Phone: 1-866-692-3158 Participant Code 1208700

Skype for Business: Individual meeting invites sent separately

### **Wednesday, March 7, 2018**

#### **Census Bureau Building, Room T-16**

- |                     |   |
|---------------------|---|
| <b>8:45 – 9:00</b>  | <b>Optional light refreshments (Juice, coffee, pastries, fruit)</b>   |
| <b>9:00 – 9:10</b>  | <b>Welcoming Remarks &amp; New Member Welcome</b> <ul style="list-style-type: none"><li>• Deirdre Bishop, USNS President</li></ul>  |
| <b>9:10 – 9:20</b>  | <b>Opening Remarks</b> <ul style="list-style-type: none"><li>• Paul Cooper, USNS Vice-President</li></ul>   |
| <b>9:20 – 9:45</b>  | <b>USNS Discussion Items</b> <ul style="list-style-type: none"><li>• USNS Roster Update – Ally Johnson</li><li>• USNS Annual Report Discussion – Deirdre Bishop/Paul Cooper</li><li>• USNS 2017 Annual Meeting Action Item Follow-up – Ally Johnson</li></ul> |
| <b>9:50 – 10:10</b> | <b>U.S. Permanent Mission to the Organization of American States - State Department</b> <ul style="list-style-type: none"><li>• Helaina Stein, U.S. Mission to the OAS, Department of State Liaison</li></ul>   |



- 10:15 – 10:30 Discussions led by USNS Member**
- PAIGH Authorities Meeting Transportation Plan – Jean Parcher
- 10:35 – 10:50 Break**
- 10:50 – 11:10 Invited Presentations by USNS Guests**
- Introduction and Engagement – PAIGH Secretary General, César Rodríguez Tomeo
- 11:15 – 11:35 Invited Presentations by USNS Members**
- Pan American-Geography/Online (GeoPanAm) - 2018-2020 (Objective. To develop an international online geography program (GeoPanAm) for teachers who do not have experience in online teaching and learning in their universities of the Region.) – Osvaldo Muniz
- 11:45 – 1:00 U.S. Delegation Lunch**
- 1:00 – 1:30 Discussion led by USNS Member**
- PAIGH 90<sup>th</sup> Anniversary – Ways to Celebrate – Chely Sandoval
- 1:35 – 2:00 Invited Presentations by USNS Member**
- Vacant Land [*Tierras Baldias*] and Indigenous Land Tenure on the Frontier in Bolivia, 1825-1920 – Dr. Erick Langer
- 2:05 – 2:30 Status of Approved 2017 Projects**
- Archiving Project – Ally Johnson and James Siekmeier
- 2:35 – 2:55 Invited Presentations by USNS Member**
- Bolivia's 1965 Miner Massacres in a Global Context – Thomas Field
- 3:00 – 3:15 Break**
- 3:15 – 3:45 Discussion led by USNS Members**
- AAG Meeting in DC – 2019. What is our plan? – Patricia Solís and David Salisbury
- 3:50 – 4:10 Discussions led by USNS Members**
- Census data with mapping integration Project Proposals – Gustavo Maldonado
  - **4:15 – 5:00** 2019 Project Proposals – How do we make a difference? - Paul Cooper

**5:45 Delegation Dinner at AGUA 301 - <http://www.agua301.com/>**

At “Yards Park,” Navy Yard Area, an easy drive from Census and Metro Accessible (Green line).

**Thursday, March 8**  
**Census Bureau Building, Room T-16**

- 9:00 – 9:10      Day One Debrief – Action Item Recap**
- Ally Johnson
- 9:15 – 9:40      Status of Approved 2018 Projects**
- Use of multi-beam sonar scan to obtain bathymetric, hydrographic, and topographic data of Lake Coatepeque, El Salvador – Bettina Martinez-Hackert
- 9:45 – 10:45      Reports by Commission Representatives**
- Commission on Geography – David Salisbury (via WebEx)
  - Commission on Geophysics – Jorge Bajo Sanchez
  - Commission on History – Erick Langer
  - Commission on Cartography – Eric Van Praag (Via WebEx)
- 10:45 – 11:15      Break & Group Photo**
- 11:20 – 11:50      Invited Presentations by USNS Member**
- USGS International Activities - Vic Heilweil
- 11:50 – 1:00      Lunch**
- 1:00 – 1:30      Invited Presentation by USNS Guest**
- GeoSUR Status – William (Matt) Cushing
- 1:35 – 2:00      Invited Presentation by USNS Member**
- NGP Hydrographic Harmonization Activities – Mike Tischler
- 2:05 – 3:00      Discussion led by USNS Members and Guest**
- San Salvador Volcano Collapse Project Proposal – Brian Jicha
  - 2019 Project Proposals – How do we make a difference? - Paul Cooper
- 3:00 – 3:15      Break**
- 3:15 – 3:45      Meeting Debrief – Action Item Recap – Next Steps**
- Deirdre Bishop/Paul Cooper/Ally Johnson
- 3:45                  Meeting Adjourns**

**USNS Member Conference Participations,  
Significant Accomplishments and Published Works  
Grouped By Commission**

**Geography Commission Individual Accomplishments related to PAIGH objectives**

- **Research Committee (Principal David Salisbury)**
  - Dr. Andrew Sluyter
    - Co-Editor in Chief, *Journal of Historical Geography*
    - Annie M. Gibson, Case Watkins, James Chaney, and A. Sluyter. 2017. Vínculos Históricos entre Nueva Orleans, Luisiana y Cuba. Ester Pérez, trans. Universidad de la Habana 283: 44-58 (15 pp.).
  - Dr. Tim Trainor
    - Chief Geospatial scientist at Census Bureau
  - Dr. David Salisbury
    - Chair, Department of Geography and the Environment, University of Richmond
    - Velasco Alarcón, C. Melissa, Salisbury, David S., Groth, Aaron A. 2017. La Religión de la Infraestructura en las Fronteras Amazónicas: El Caso del Purús. *Journal of Latin American Geography* 16, no 3: 107-134.
    - Board Member Conference of Latin Americanist Geographers (CLAG)
    - Chair of “Emerging Landscapes in Amazonia I.” Session of the Conference of Latin Americanist Geographers, May 20-22, San José, Costa Rica. Organizer of Sessions I-III.
    - **Salisbury, D. S. Osorio D., Mario L., and Marianella Zuñiga Rebaza. 2017. Shattered: Access and Distance in the Shatter Zones of the Amazon Borderlands. Presentation for The Emerging Geographies of Amazonia Session I at the XXXVI Conference of Latin Americanist Geographers, May 20-23, 2018, San José, Costa Rica.**
    - **Narula, N. and D. S. Salisbury. Contraband and the Construction of a [Border] Land of Opportunity: South America’s Triple Frontier. Presentation for The Emerging Geographies of Amazonia Session I at the XXXVI Conference of Latin Americanist Geographers, May 20-23, 2018, San José, Costa Rica.**
  - No responses from several members
- **Education Committee (Principal Betty Smith)**
  - Dr. Osvaldo Muniz-Solari
    - On editorial board of
      - Revista Geográfica
      - Revista Cartográfica
      - Geotrópico
    - Profesor Principal of CEPEIGE Online
    - Muñiz Solari, Osvaldo, Solem, Michael, Boehm, Richard (eds.) 2017. Learning Progressions in Geography Education - International Perspectives. National Center for Research in Geography Education. Springer. Congress Members of

the Council will present the book “*Historia de la Geografía en la América Latina y el Caribe*”. Co-editor with Héctor Rucínque and Jorge Zapata.

- No responses from several members
- **Participatory Initiatives and Integrated Projects (Principal Vacant)**
  - Dr. Patricia Solís
    - Executive Director, Knowledge Exchange for Resilience, Arizona State University
    - 2015-2019 *Principal Investigator* Mapping for Resilience University Consortium of three founding universities: Texas Tech University, George Washington University (CoPI Nuala Cowan), and West Virginia University (CoPI Brent McCusker), to cultivate a generation of young people to become leaders in creating resilient communities and empowering them to define their world by mapping it. Program objectives include supporting and engaging students and other university actors in creating new, quality, localized geospatial data in unmapped places of the world, ensuring that the new data is open and accessible to the public, and conducting research and analysis using OSM data to address international development challenges. In its first 8 months of network building, the consortium grew to 36 universities in 12 countries and made more than 4 million map edits for projects such as disaster relief in Ecuador, malaria prevention in Mozambique and Kenya, food security in Ghana and Bangladesh, and peace building in Colombia. Funded by the US Agency for International Development, \$999,000.

#### History Commission Individual Accomplishments related to PAIGH objectives

Thomas Fields published a journal article in *Diplomatic History* in April. It is titled "Transnationalism Meets Empire: The AFL-CIO, Development, and the Private Origins of Kennedy's Latin American Labor Program." He also continued as Department Chair for the Global Security and Intelligence Studies at Embry-Riddle Aeronautical University.

Erick D. Langer, School of Foreign Service, Georgetown University remains as a member of the Conseil Scientifique of the Institut des Amériques, the body that oversees studies of the Western Hemisphere in French universities.

Dr. Langer published the introductory essay, titled “La independencia de Tarija en el tiempo y en el espacio,” in the reedition of Eduardo Trigo O’Connor D’Arlach, *Tarija en la independencia del Virreinato del Río de la Plata*, in the Biblioteca del Bicentenario de Bolivia (La Paz: Biblioteca del Bicentenario de Bolivia, 2018) as well as the prologue for William Lofstrom M., *Medio siglo de labores en la viña del saber: Una antología de 14 trabajos editados en medios de circulación reducida entre 1969 y 2011* (Sucre: Ciencia Editores, 2017).

In addition, he published an evaluation of the historical literature of republican-era Bolivia of the past two years in the *Handbook of Latin American Studies*, Vol. 72 (Austin: University of Texas Press, 2018).