



United States of America
National Section
of the
Pan American Institute
of
Geography and History
2014 ANNUAL REPORT

www.aag.org/cs/paigh

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Introduction

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, 2013 through September 30, 2014. 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 leadership of the USNS changed dramatically over the past year. Mr. Mark DeMulder completed his assignment as President of the USNS in preparation for his retirement from the U.S. Geological Survey in August 2014. We thank Mark for his outstanding contributions to public service and for his commitment to PAIGH. We look forward to his continued involvement with the USNS. Ms. Deirdre Dalpiaz Bishop of the U.S. Census Bureau has replaced Mark as President of the USNS. Dr. Jean Parcher completed her assignment as Vice-President of the USNS upon her election as President of the Institute's Geography Commission. We thank Jean for her significant contributions to the USNS and look forward to working with her in her new role. Mr. Paul Cooper of CARIS USA has replaced Jean as Vice-President. Ms. Ally Johnson of the U.S. Geological Survey continues in her role as Executive Secretary. Additionally, Dr. Bruce Presgrave completed his term as Vice-President of the Institute. Bruce has agreed to remain involved with the USNS. We appreciate his knowledge of the organization and look forward to receiving his expert guidance.

The leadership of the four USNS Commissions has also changed. Dr. Patricia Solís of the Texas Tech University (TTU) served in two capacities over the past year. To assist the leadership transition within the USNS, she agreed to continue as Principal U.S. Representative to the Geography Commission, even after being elected Vice-President of the Institute's Geography Commission. We appreciate Patricia's commitment to the organization, especially her willingness to manage the USNS website. Dr. David Salisbury of the University of Richmond was recently selected to replace Patricia as Principal U.S. Representative to the Commission on Geography. Dr. Erick Langer of Georgetown University continues to serve as Principal U.S. Representative to the Commission on History. Mr. Mark DeMulder has agreed to serve as Principal U.S. Representative to the Commission on Cartography. Finally, Mr. Jorge Bajo of the University at Buffalo continues in his role as Principal U.S. Representative to the Commission on Geophysics.

Mr. Mark DeMulder led the USNS delegation to the 20th General Assembly Meeting in Montevideo, Uruguay in November 2013. Several members of the USNS accompanied Mark, including the new leadership team.

The USNS webpage aids in promoting U.S. activities within PAIGH and facilitates communication both within the national section and with the general public. The website is hosted by the Association of American Geographers (AAG) and can be found at <http://www.aag.org/cs/paigh>.

During the reporting period, Ambassador Carmen Lomellin, U.S. Permanent Representative to the Organization for American States, arranged for payment of the assessed contribution to PAIGH in the amount of US \$323,900.00 on April 14, 2014, fulfilling the United States annual quota of PAIGH's budget, set at 59.47%.

PAIGH USNS Annual Meeting, U.S. Census Bureau, April 3 and 4, 2014

The 2014 USNS Annual Meeting was held on April 3 and 4, 2014 at the U.S. Census Bureau in Suitland, Maryland. Welcoming remarks were delivered by Census Bureau executives Dr. Nancy Potok, Deputy Director and Chief Operating Officer and Mr. Tim Trainor, Geography Division Chief. Deirdre Bishop, President of the USNS, opened the meeting with a special thank you to Mark DeMulder and Jean Parcher for serving as President and Vice-President of the USNS during the past term.



The USNS was fortunate to receive important remarks from PAIGH Secretary General Rodrigo Barriga via teleconference. He provided a history of the organization, highlighted key accomplishments from 2013, and discussed current activities and publications. He referred to 2014 as the “Year of the Commission” and shared his intent to strengthen the four commissions within PAIGH.

The meeting included invited presentations such as “Transboundary Mapping for Improved Planning in Amazonia,” “Maya Biosphere Reserve: Binational GIS for Law Enforcement,” and “Integrating Spatial and Statistical Data.” The meeting also included a review of 2013-2014



PAIGH projects and discussion of proposed projects for the 2015 submission cycle. See Appendix 1 for the full agenda.

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

Cartography Commission

Mark DeMulder, Representative

The position of primary USNS Representative to the Cartography Commission was vacant for most of calendar year 2013. Beginning in December, 2013, Mark DeMulder has served as the Cartography Commission Representative.

The mission of the Cartography Commission is to promote the exchange of technical knowledge in Cartography, develop collaborative partnerships among member countries and between the PAIGH and other multi-national institutions. During 2014, the USNS Cartography Commission advanced activities in the Institutional Strengthening Committee, and conducted the José Joaquín Hungría Morell Geographic Names Course.

Technical Committees and Working Groups

See the USNS Roster at the end of this report for current membership on Cartography Commission Technical Committees and Working Groups.

Committee on Institutional Strengthening and Technical Cooperation

Paul Cooper, Principal Member

Nautical Charting and Hydrography

As a result of the Memorandum of Understanding between the International Hydrographic Organization (IHO) and PAIGH, cooperation between the two organizations has been increasing.

PAIGH representatives will attend the 5th Extraordinary International Hydrographic Conference (EIHC) in Monaco October 6 - 10, 2014. EIHC Proposals affecting and to be supported by PAIGH are:

- For a trusted crowd sourcing policy and its cook book (submitted by France and the United States); and
- Development of an IHO satellite-derived bathymetry and charting program for remote areas (submitted by France and the United States).

PAIGH attends the IHO Meso American Caribbean Regional Hydrographic Commission meetings and the International Hydrographic Conference in Monaco.

PAIGH USNS interaction with IHO in Nautical Charting and Hydrographic Surveying this year has been coordinating with U.S. National Geospatial-Intelligence Agency (NGA), United Kingdom Hydrographic Office (UKHO), IHO, and private industry partner CARIS (Computer Aided Resource Information System) to establish charting programs in the following Central American states:

- Guatemala was awarded PAIGH funds for training and software acquisition this year;
- Honduras signed a Memorandum of Understanding (MoU) with UKHO to provide royalty funding for the sale of electronic charts through its commercial sales distribution office called IC-ENC;

- Honduras will request that NGA provide digital data for electronic chart production; and
- Nicaragua is negotiating an agreement with UKHO for royalty payments for its electronic charts. The same conditions will apply for training and software when the agreement is executed. Note: Nicaragua is currently a non PAIGH member but information received indicates that Nicaragua plans to reinstate.

PAIGH USNS and the IHO are in continued discussions with the Republic of Korea regarding establishing a Capacity Building Program in Haiti.

José Joaquín Hungría Morell Geographic Names Course

Roger Payne, Principal Member

The José Joaquín Hungría Morell Geographic Names Course offered under the auspices of PAIGH was held in Aguascalientes, Mexico from August 18-22, 2014. This instance of the course was funded by the host nation, Mexico, rather than through the Cartography Commission of PAIGH, as had been the past practice. The Instituto Nacional de Estadística y Geografía (INEGI) served as host and provided excellent training facilities and administrative support.

The importance of applied toponymy is evident worldwide, and has been noted to be essential in local, regional, and national planning as well as emergency response and preparedness, national security, environmental analysis, and a variety of similar applications. In short, standardization of geographic names is a major factor in support of a nation's spatial data infrastructure. The traditional two-week course was designed initially to provide an introduction and basis for national standardization of geographic names and a program of applied toponymy. The course has been optimized into one week as a result of the more advanced status of applied toponymy in most countries. Specifically, the field exercise has been removed because while interesting and informative, the cost in time and other resources is no longer productive since many countries have well-developed programs of data collection in the field. Still, techniques and problems of field collection are discussed and analyzed during the presentation of the Field Module in a classroom environment. Further, the Automation Module has been shortened by approximately 35 percent because today the student requires less basic training in navigating a database management system in a microprocessing environment, and is usually ready for more advanced applications and exercises. The various modules consist of lectures that address various aspects of applied toponymy, and concentrate heavily upon all requirements involved in establishing, promoting, or enhancing a program of national standardization, while exploring conventional and alternate methods of achieving this goal. Additionally, aspects of staff and office processing are discussed. The entire course includes discussion of the local and national situations, and there are often various student presentations and occasionally local expert presentations. There is an exercise where the students are divided into a number of groups (depending upon the size of the class). Each group is directed to prepare a presentation of the present situation, what policies are in effect, and if these policies are adequate. Additional information presented includes field techniques in place or anticipated, as well as existing procedures for office processing and eventual application both conventionally and digitally. The group is also instructed to provide the present state of development of an official national geographic name database, if any, and if so, a detailed report of procedures in place for populating the database.

The twenty-fourth course was comprised of 27 students from INEGI, representing headquarters and various field offices throughout Mexico. There was a meaningful exchange of methodological requirements as well as procedures for development including known problems with possible and potential solutions (the automated system to be used has been chosen and so was addressed directly). The present toponymic situation is that of *de facto* processing without complete involvement by all Federal agencies. There was meaningful exchange on procedural development for consensus throughout the Federal government with an existing law in place for *implied* toponymic authority. INEGI acts as the name authority and will engage other agencies for full participation in the national toponymic standardization effort and program development. The Institute is well-poised for proceeding with development and implementation of this program and continued development of its fledgling program of toponymic automation and all agree that the course served a vital role in serving as a discussion forum for these requirements and procedures.

As ever, while the course has evolved into a well-structured set of seven inter-related modules, and with the latest specific considerable adjustment and re-formatting, as well as the continual refinement addressing the changing requirements and procedural implementation for toponymic standardization especially in the cartographic environment, the course continues to be an excellent forum for sharing common problems and defining solutions. The flexibility in the curriculum of the course continues to be a major asset to advancing programs of national name standardization and the overall implementation of applied toponymy in support of national mapping programs and in support of national spatial data infrastructure. Importantly, differences and commonalities between and among various agencies are normally discussed and solutions for optimization of effort and resources are offered. In this case, the focus was more specific and on a higher level of activity since the general but disparate programs and procedures are functioning. Additional focus and optimization are necessary.

As part of the summary, the changing role of the name layer (one of the eight identified essential layers of a national digital map program) in a national spatial data environment, and the increasing requirements for digital mapping, both general and thematic were examined and discussed with a meaningful exchange. As part of the extensive program of data collection in preparation for populating the newly developed national name database, techniques of collecting data, extant and otherwise, were examined thoroughly where various techniques, some already in use in Mexico and some not yet in use were examined with special emphasis on source type, value, and reliability (provenance).

This specifically focused course achieved its goals regarding potentially enhancing Mexico's national name standardization program by providing training and information highly useful to establishing and growing the foundation of the existing procedures for name processing. The team of three instructors from the USA, Mexico (originally), and Honduras are well versed in team teaching. The course is recognized by the United Nations Geographical Name Training Committee.

As usual, conclusions indicate that there is a high level of interest in this course and it is well received. The teaching team has now completed all of the required associated detailed text to accompany each module so that the course can become available online. The timetable for

implementation of the online course has been redefined with a view for implementation by late 2014 or early 2015. The PAIGH Working Group on Geographical Names expects to have various forms of the training course made available. Specifically, an online version, and shortened onsite versions concentrating on specific country needs and requirements will be available. The full version of the course can still be made available onsite if necessary and requested.

Please direct questions to the Principal Member, Roger Payne at rpayne@usgs.gov or 757.903.4204 or Alternate Member, George Troop at troopg@nga.mil.

Geography Commission

Dr. Patricia Solís, Representative (2010 – September 2014)

Dr. David Salisbury, Representative (September 2014 – present)

This past year, the USNS Geography Commission advanced activities focused around the three-fold committee structure of PAIGH (research, education, and institutional strengthening).

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 Geography Commission provides the technical infrastructure for the USNS website and maintains updates so that these pages are current. The Geography Commission tab of the website is facilitating communication and visibility of these priorities:

www.aag.org/cs/paigh/geography_commission.



The USNS Geography Commission enjoyed excellent participation in the meetings in Montevideo, 2013, which saw a very good turnout with 12 countries attending. The Commission meetings were positive and with a spirit of collaboration. The election and installation of Dr. Jean Parcher as President and Dr. Patricia Solís as Vice President led to the development and refinement of a PanAmerican Workplan which the USNS attendees from the Geography Commission provided strong contributions and efforts.

The work plan of the Commission on Geography 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, organized under each of the three committees, including:

- Research Committee - Working Group for an Atlas of Climatic Change in the Americas: This annotated Atlas will supply investigators and students with one view of the changing landscape, goals, and opportunities associated with the climatic change in the entire western hemisphere. The book will contain a map or a selection of related maps of each of the 23 countries in the continents of South, Central, and North America, as well as five selected islands. David Salisbury is the Lead, working together with Bertha Balbin Ordaya, Jean Pierre Bergoeing, Jorge Quezada, Nancy Aguirre, Julio Poblete, and Bolivar Troncoso.
- Education Committee - Working Group for Online Courses: The objective is to design a plan and develop a research proposal to promote geographic online courses with the end goal to create collaboration amongst geography professors in the Americas. The proposal will be presented in the International PAIGH Research Contest. Osvaldo Muñiz Solari is the Lead, working together with Graciela Cacace and Maria Cristina Peneda. A technical proposal has been submitted according to this Committee's plans.
- Committee for Institutional Strengthening: The Working Group of the Geographic Census of 2015 has the objective of developing surveys for the enlargement of the compilation data over this discipline, providing follow up information to the work completed in 2010 and 2005. Patricia Solís is Lead, working together with Raquel Alvarado and Ana Victoria Rincon. Dr. Solís presented information on the current state of data from the multi-institutional collaborative survey.

The Association of American Geographers (AAG) 2014 Annual Meeting in Tampa Bay, Florida hosted more than 6,000 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.

Of thousands in attendance, approximately 30% of all attendees came from countries other than the USA, which continues a steady trend toward increased international participation at AAG Meetings. This year, attendees came from 78 different countries, including most countries of Latin America. The AAG sponsored an International Reception to celebrate the global character of the conference, hosted by Dr. Fausto Sarmiento, Chair of the AAG International Research and Scholarly Exchange Committee. As she has done every year since 2005, Dr. Solís worked to organize a special session on Geography in the Americas. In 2014, she co-organized with Dr. Salisbury around the theme of "Pan-American Geography: Working across Academic, NonProfit, and Public Sectors to enrich Research and Education in the Americas." The session enjoyed the sponsorship of the Association of American Geographers Latin America Specialty Group, the Public/Private Affinity Group, and the PAIGH USNS.



This panel introduced the gains, objectives, and challenges of geographers and related scholars working with/in institutional frameworks such as the Organization of American States (OAS), the Institute of International Education (IIE), the United States Agency for International Development (USAID), and others to strengthen research and education across the Americas. It began by introducing PAIGH/OAS, IIE, USAID, and other institutions and the cross fertilization between these institutions and AAG, before reviewing successful projects led by AAG members, and sharing strategies to obtain institutional funding for future projects. A summary of the discussion outcomes circulated publically is attached as Appendix 3.



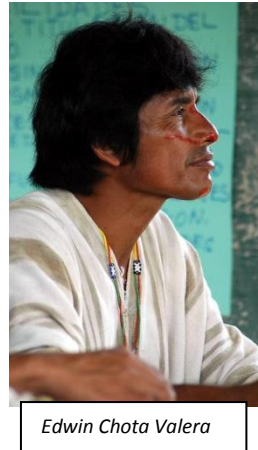
In 2014, Dr. Solís designed and led the Global Connections and Exchange; My Community, Our Earth (GCE MyCOE) Youth TechCamps Program that took place in Bolivia, South Africa, and Panama. Each of the three 10-day training camps focused on GeoTechnologies for Climate Change and the Environment. A total of 120 high school students from the United States, Bolivia, Panama, and South Africa were competitively selected from among hundreds of applications for the TechCamps based on a demonstrated interest in

traveling internationally, familiarity with geographic technology, leadership aptitude, and service to the community. During the TechCamp, students self-organized on cross-cultural teams to create youth-led local projects. All participants received academic preparation, orientation, mentoring, and training in the use of GeoTechnologies such as online mapping, community GIS, mobile GPS, and crowd mapping. The effort was supported by the US State Department Youth Programs Divisions and respective Embassies and partners in La Paz, Bolivia; Pretoria, South Africa; and Panama City, Panama along with private sector entities and universities. Each engaged 40 competitively-selected students, aged 15-18, including 10 from across the United States, and 30 national counterparts; 120 students in all, including from urban underprivileged schools in the United States and internationally in interior and public school systems whose Story Maps and products were showcased in the final days at a “TechTorrent” attended by the public and by national officials. In Panama, the final event presented youth projects to the President of Panama, Juan Carlos Varela, Vice Minister of Education, University Rector, the U.S. Ambassador, State Department Officials, and others.



(<https://www.youtube.com/watch?v=Rrca2E-Vhx0&list=UUYck0VNkA4c4F7iXbll-A3w>)

Dr. David Salisbury conducted a series of important cross-border mapping workshops and research activities with PAIGH support, to expand and update a Geographic Information System database to mitigate transboundary environmental challenges in the Brazilian, Bolivian, and Peruvian Amazon (<http://blog.richmond.edu/dsalisbury/maps/>). Unfortunately, in September of 2014, we learned that four collaborators on this work, indigenous Ashéninka leaders, Edwin Chota Valera, Jorge Ríos Pérez, Leoncio Quinticima Melendez, and Francisco Pinedo, were murdered in the Peruvian Amazon due to their efforts to obtain legal title to their native community of Alto Tamaya Saweto. Dr. Salisbury provided a press release, interviewed with National Public Radio, and contributed material in English and Spanish to more than 200 media outlets. The Press Release is provided at the end of the report as Appendix 4.



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

Looking forward to the coming year, the U.S. Geography Commission will continue to pursue appropriate activities within these priority areas under the leadership of Dr. Salisbury. 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 USNS History Commission has been busy this past year, though members were not able to attend PAIGH meetings because of time constraints and the increasing restrictions in funding by United States universities. The hope is that next year the financial situation of the institutions will improve and will make possible the attendance at important meetings.

The principal History project by the USNS section remains the *Historia de las Américas/History of the Americas* project, of which Dr. Erick D. Langer is the Editor. There is substantial interest by other PAIGH national committees, which are supporting this project. The new Institute History Commission President, Patricia Galeana, is helping to make sure that this project, which envisions the writing and publication in English, Spanish, Portuguese, and French of a one-volume history of the Western Hemisphere, will be successful. At this point, Oxford University Press, which has a presence in the United States, Spanish America, and Brazil, is interested in publishing the volume. The USNS History Commission is aiming for having a draft of the manuscript finished by the time the next annual report is due.

The USNS History Commission members have been busy promoting inter-American affairs. This year, James Siekmeier of West Virginia University published a book titled *La Revolución Nacional y los Estados Unidos. Conflictos y negociaciones, 1952-1964* (La Paz: Plural, 2014). It analyzes the difficult history on United States-Bolivian relations during a turbulent time, when the United States decided to support the Movimiento Nacionalista Revolucionario in its radical social revolution that changed Bolivia forever, nationalizing its mines and promoting an Agrarian Reform for the landless indigenous population that resonates still today.

Evan R. Ward of Brigham Young University engaged in various projects related to the mission and objectives of PAIGH. In January of 2014 Professor Ward published an essay on early twentieth century tourism development throughout the Americas, "Footprints, Frontiers, and Empires: Latin American Tourism Development, 1840-1959" in the journal, *History Compass*. In conjunction with the World Cup, Professor Ward gave interviews regarding comparative tourism development to newspapers and television stations in Salt Lake City. He is currently writing a book manuscript on the impact of multilateral agencies (UNESCO, OAS, and the World Bank) on comparative tourism development at Ixtapa-Zihuatanejo in Mexico, Tikal in Guatemala, and Salvador da Bahia in Brazil.

Erick D. Langer was also active. He published in a PAIGH-sponsored publication "Reconceptualizing Nineteenth-Century Spanish America," in *América: La consolidación de las naciones*, María Cristina Mineiro Scatamacchia and Francisco Enríquez Solano, eds. (Mexico City: Pan American Institute of Geography and History, 2013). In the essay he places front and center the roles of indigenous peoples in the politics and economic development of Latin America during the nineteenth century. Dr. Langer also published "Creando la etnohistoria de los siglos XIX y XX," in *Los estudios andinos hoy. Práctica intelectual y estrategias de investigación*, Carlos Zanolli, Julia Costilla, Dolores Estruch, Alejandra Ramos, comps. (Rosario: Prohistoria, 2013), in which he shows the intellectual development of the field of Ethnohistory (the historical study of indigenous peoples) in the Americas. He is also a regular contributor to NTN24 all-news canal's *Club de Prensa*, where he provides commentary on current events in world news.

Given the current environment, the PAIGH USNS History Commission looks forward to working closely with other national sections, especially on the *Historia de las Américas* project.

Geophysics Commission

Jorge V. Bajo, Representative

This year the USNS Geophysics Commission has seen an increase in researchers interested in participating and considering submitting projects and courses for the PAIGH call for projects. As a result, several conversations occurred with researchers from Michigan Technological University, University of South Florida, SUNY at Buffalo and SUNY at Buffalo College among others. Two 2015 Project Proposals were presented to the Institute for consideration and others, including courses, were discussed for the future. Submitting project proposals was one of the main goals that the Commission established last year. It was accomplished this year and the Commission will continue to work toward this goal for the upcoming and future years.

The Scholarship Program in Geophysics which had been presented by the USNS Representative in the past was presented this year by Dr. Macias from Mexico. This resolution came about after several conversations and meetings that started during the 20th General Assembly Meetings of Consultation 2013 in Montevideo, Uruguay between USNS PAIGH members, Dr. Walter Fernandez, and Dr. Macias, among others, and that culminated before the PAIGH deadline. These conversations opened the doors for other possibilities for USNS members to create courses or emulate the scholarship program in other research areas and places. We anticipate seeing some of these courses/workshops being presented in the next couple of years to PAIGH for their approval.

The two projects presented for approval to PAIGH continue to expand the breadth of PAIGH-sponsored geophysics related research into key areas emphasized at the previous PAIGH General Assembly and Directing Council meetings, such as hazard risk. Participating partner countries include El Salvador, Guatemala, and Mexico.

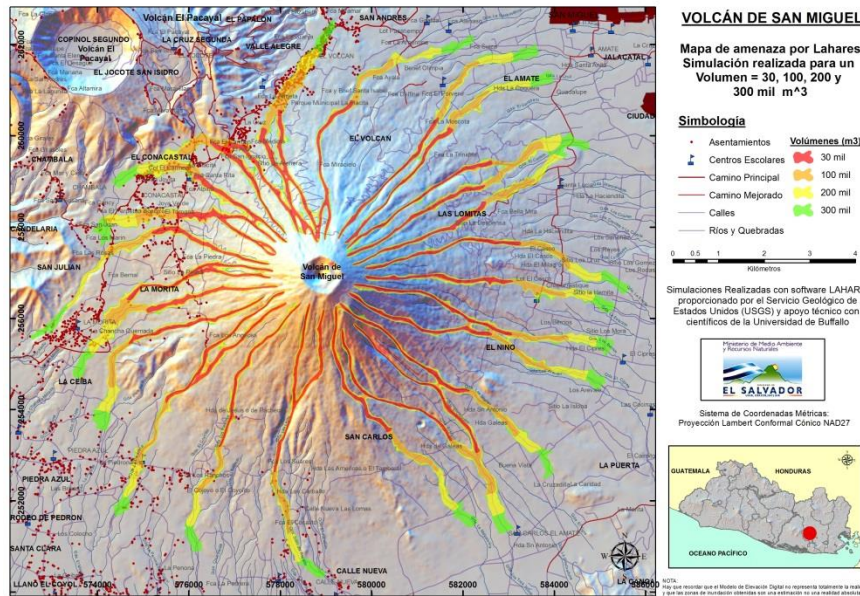
Jorge V. Bajo will continue with his outreach activities to expand awareness of PAIGH among researchers and academia to increase the involvement with the organization, especially after the success from this year. The goals for the Commission within the next year continue to be to: 1) work with Dr. Castro and other members to increase the visibility of PAIGH within the United States geophysics community by developing a PAIGH geophysics web-portal within VHub.org, a Collaborative volcano research and risk mitigation that has a multidisciplinary and international community with strong ties to North America, Central America and South America; 2) investigate the possibility of a PAIGH-sponsored oriented session at regional and national meetings and conferences such as the American Geophysical Union (AGU) and the Geological Society of America (GSA) 3) continue to search for and populate the Commission membership with active members in all relevant areas, creating more opportunities to submit USNS Geophysics Project Proposals to the Institute; and 4) Continue to maintain and enhance cooperation with existing participating partner countries, in particular El Salvador and Mexico.

USNS Geophysics Commission Activities for the past year include:

PAIGH graciously extended the timeline for the approved and submitted project to study the Santa Ana Volcano in El Salvador. This extension was granted in consideration of uncontrollable circumstances which delayed the completion of the work within the originally allotted time. The researchers are extremely grateful to Dr. Walter Fernandez and Sr. Santiago Borrero for their support and understanding on this matter.

The project title is — **Estudio Geológico de Depósitos de Flujos y Oleadas Piroclásticos, Caída de Tefra, Lahares, y Flujos de Escombros en la Zona Occidental del Volcán de Santa Ana (Ilamatepec)**. This project is a collaboration between SUNY at Buffalo, SUNY College at Buffalo, the Dirección General del Observatorio Ambiental (DGOA) of El Salvador, and *Universidad Nacional Autónoma de México (UNAM)*. The principal investigators (PI) of this grant are Jorge V. Bajo (PhD ABD) from SUNY at Buffalo, and Dr. Bettina Martinez-Hackert from SUNY College at Buffalo. This project has benefited from the partnership created through other projects that were submitted and approved by PAIGH by the above mention PI and members of the DGOA in El Salvador.

As was mentioned in the 2013 USNS Annual Report, this project has strengthened bonds between these two groups as evidenced by their collaboration when the Volcan Chaparrastique (Volcan San Miguel) erupted at the end of the year (December 29, 2013). The two groups started a series of communications that finalized with a visit from the two United States based researchers. They met with the Ministro de Medio Ambiente, Sr. Herman Rosa Chávez, Vice-Ministra, Sra. Lina Pohl, and members of DGOA to work and gather data on the eruption. As a result field data and a lahar hazard map were produced.



Their visit was reported in various media outlets:

<http://diario1.com/nacionales/2014/01/chaparrastique-entra-en-proceso-pre-eruptivo-y-alerta-naranja-se-mantiene/>

<http://www.contrapunto.com.sv/ambiente/marn-instala-equipo-de-monitoreo-en-el-chaparrastique>

http://www.la-razon.com/sociedad/Ciencia_tecnologia/Expertos-EEUU-erupcion-Chaparrastique-Salvador_0_1984001680.html

These projects continue to serve as a way to mentor and teach undergraduate students in the United States about volcanic hazards and open doors to other projects and research areas. Some of these projects have been presented in regional meetings (AAG Middle States) as well as national Geological Society of America (GSA) and international meetings (Cities on Volcanoes). These projects have also been presented and used as successful examples to other government agencies like El Servicio Geologico Colombiano and members of USAID.

As the USNS Geophysics Commission Representative this past year, Jorge Bajo decided to conduct small workshops within SUNY at Buffalo and SUNY College at Buffalo to get more people involved in PAIGH and to submit projects. Jorge has also approached other members of the academia in the University of South Florida and Michigan Technological University about PAIGH and the possibility to propose projects or courses in the upcoming years.

Directory

September 2014

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Representative Cartography Commission	Mark L. DeMulder Emeritus, National Geospatial Program U.S. Geological Survey 12201 Sunrise Valley Drive, Mail Stop 511 Reston, VA 20192-0002 E-mail: mdemulder@usgs.gov	Tel: (703) 648-5569 Fax: (703) 648-5939
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Policy Committees

Advisory Committee of the Commission

VACANT

Geospatial Data Infrastructures Committee

Principal Member	Merrill Lyew Emanuel International Regional Manager, Latin America Esri 380 New York Street Redlands, CA 92373-8100 E-mail: mylew@esri.com	Tel: (909) 793-2853 Ext. 1705 Fax: (909) 210-4906
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Communications Committee

* No U.S. representation on this Committee

Technical Committees and Working Groups

Reference System for the Americas (SIRGAS) Working Group

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Tactile Cartography Working Group

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Thematic Cartography and Applications Working Group

VACANT

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Gravimetry Committee

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PAN AMERICAN INSTITUTE OF
GEOGRAPHY AND HISTORY
Specialized Organization of the
Organization of American States

UNITED STATES NATIONAL SECTION

Agenda

2014 Meeting of the U.S. National Section Pan American Institute of Geography and History U.S. Census Bureau Suitland, MD April 3 and 4, 2014

Thursday, April 3

- 8:30 – 9:00** **U.S. Delegation arrives at U.S. Census Bureau Visitor Entrance
4600 Silver Hill Road, Suitland, MD 20746**
- 9:00 – 9:15** **Welcoming Remarks**
- Nancy Potok, Deputy Director and Chief Operating Officer, U.S. Census Bureau
 - Tim Trainor, Chief, Geography Division, U.S. Census Bureau
- 9:15 – 9:30** **Opening Remarks**
- Deirdre Bishop, President, USNS
 - Introductions
 - Logistics
 - Overview of Meeting Agenda
 - USNS Updates
- 9:30 – 9:45** **U.S. Permanent Mission to the Organization of American States - State Department**
- Melissa Kopolow McCall, U.S. Mission to the OAS
 - USOAS Priorities and Interests
 - Status of U.S. Quota Payments to PAIGH

9:45 - 10:30	USNS Discussion Items <ul style="list-style-type: none"> • USNS Roster Update – Ally Johnson • Reports by Commission Representatives <ul style="list-style-type: none"> ○ Commission on Cartography – Mark DeMulder ○ Commission on Geography – Jean Parcher ○ Commission on Geophysics – Jorge Bajo ○ Commission on History • USNS Annual Report Discussion – Deirdre Bishop/Paul Cooper • USNS Brochure – Paul Cooper
10:30 – 11:15	Group Photo and Coffee Break
11:15 – 12:00	Remarks from the Secretary General of PAIGH <ul style="list-style-type: none"> • Rodrigo Barriga, PAIGH Secretary General
12:00 – 1:00	Lunch – U.S. Census Bureau Cafeteria
1:00 – 2:00	Review on Status of Approved 2013/2014 Projects <ul style="list-style-type: none"> • 2013 Projects <ul style="list-style-type: none"> ○ Data Integration in Central America – Jean Parcher • 2014 Projects <ul style="list-style-type: none"> ○ Advanced Degrees in Geoscience (2013 and 2014)– Jorge Bajo ○ Study of the Santa Ana Volcano in El Salvador – Jorge Bajo
2:00 - 3:00	2015 Project Proposals to be Submitted by April 30th, 2014 <ul style="list-style-type: none"> • Guidelines for Submitting Proposals – Paul Cooper • Presentation on Project Proposals Available for Submission <ul style="list-style-type: none"> ○ Advanced Degrees in Geoscience – Jorge Bajo ○ Gulf of Fonseca Project – Paul Cooper ○ Haiti Nautical Charting Project – Paul Cooper • Brainstorm on Possible Multi-Commission Project Proposals
3:00 – 3:15	Break
3:15 – 5:00	Invited Presentations by USNS Members and Guests and Open Discussion on Agency and Academic Resources for Pending Issues in the Americas <ul style="list-style-type: none"> • REDONLINE PAIGH (2015 Project Proposal) - Osvaldo Muniz-Solari • Electronic Charting in Antarctic Waters – Paul Cooper • Integrating Spatial and Statistical Data – Dolly Garcia • Open Discussion: Natural Hazards, Climate Change, New Datasets, New Players in the Region
5:00	Meeting Adjourns

6:00 Delegation Dinner

Friday, April 4

9:00 - 9:30 Final Recap for the Open Discussion

- Document ways forward for better coordination on pending issues

9:30 - 12:00 Invited Presentations by USNS Members and Guests

- Transboundary Mapping for Improved Planning in Amazonia – David Salisbury
- GEOSS in the Americas – Nancy Searby
 - **Break**
- SERVIR – Eric Anderson
- Maya Biosphere: Binational GIS for Law Enforcement – Cynthia Perera
- Linkages between PAIGH and the International Cartographic Association (upcoming conference in Rio, Brazil) – Tim Trainor

12:00 – 1:00 Meeting Adjourns/Lunch

2:00 – 3:00 Attendees are Invited to Attend the USAID Presentations

- USAID Point Four Conference Room, 6th Floor, 1300 Pennsylvania Avenue NW, Washington, DC

USNS Member Publication and Conference Contributions to Pan American Geoscience Efforts

Betty Elaine Smith

Research Paper

Smith, Betty Elaine. Research paper presentation, "*Planning for Intermediate Cities*," Association of American Geographers Annual Meeting, Tampa, Florida, April 2014.

Conference Session Chaired

Chair and co-organizer of paper session (with Brazilian scholar Joel Outtes) "*Cities and Urban Regions in the Americas*," Association of American Geographers Annual Meeting, Tampa, Florida, April 2014.

Conference Session Organized

Co-Organizer of paper session (with Brazilian scholar Joel Outtes) "*International Organizations for Planning of Cities and Urban Regions*," Association of American Geographers Annual Meeting, Tampa, Florida, April 2014.

Jorge Bajo

Poster

Bajo, Jorge, and Martinez-Hackert, Bettina. 2014. "Risk Mitigation Analyses by Hazard Mapping during an eruptive period, Chaparrastique Volcano, El Salvador." Poster approved at the Cities on Volcanoes, September 9-13, 2014, Yogyakarta, Indonesia.

Bettina Martinez-Hackert

Poster

Bajo, Jorge, and Martinez-Hackert, Bettina. 2014. "Risk Mitigation Analyses by Hazard Mapping during an eruptive period, Chaparrastique Volcano, El Salvador." Poster approved at the Cities on Volcanoes, September 9-13, 2014, Yogyakarta, Indonesia.

David Salisbury

Publication

Salisbury, David S. and Ben G. Weinstein. 2014. Cultural Diversity in the Amazon Borderlands: Implications for Conservation and Development. *Journal of Borderlands Studies*. 29, no 2: 217-241, DOI: 10.1080/08865655.2014.916462

Poster

Chávez, Andrea B., Han, Stella, Salisbury, David S., Díaz Zuñiga, Edgar, and Roly Baldoceda Astete. 2014. "Conservation Capacity Building Efforts through Amazonian Higher Education in Peru." Poster presented at the Association of American Geographers Annual Meeting, April 8-12, 2014, Tampa, FL.

Book Review

Salisbury, David S. 2014. Book Review: The Scramble for the Amazon and the Lost Paradise of Euclides da Cunha, Susannah B. Hecht. Chicago: University of Chicago Press. *Journal of Historical Geography*, DOI [10.1016/j.jhg.2014.02.019](https://doi.org/10.1016/j.jhg.2014.02.019).

Conference Sessions Organized

Co-Organizer of “Pan-American Geography: Working across Academic, Non Profit, and Public Sectors to enrich Research and Education in the Americas.” Session of the Association of American Geographers Annual Meeting, Tampa, FL. <http://www.aag.org/galleries/project-programs-files/GeographyAmericas2014Sectors.pdf>

Conference Sessions Chaired

Chair of “Changing Landscapes and Livelihoods in the Amazon Basin III. 2014.” Session of the Association of American Geographers Annual Meeting, Tampa, FL.

Chair of “Political Ecology,” 2014. Session of Conference of Latin Americanist Geographers, Panama City, Panama.

Conference Presentations

- 2014 Salisbury, D. S. “Cartography, Corridors, and Cooperation: The Search for Transboundary Solutions in the Amazon Borderlands.” Presentation for the Association of American Geographers Annual Meeting, Tampa, FL.
- 2014 Salisbury, D. S. “Transboundary Mapping for Improved Planning in Amazonia.” Presentation for the Meeting of the U.S. National Section of the PanAmerican Institute of Geography and History, U.S. Census Bureau, Suitland, MD.
- 2014 Salisbury, D. S. “The Political Ecology of Indigenous Land Claims in the Amazon Borderlands.” Presentation for the Conference of Latin Americanist Geographers, Panama City, Panama
- 2013 Salisbury, David S. “Taller de integración de datos y desarrollo de capacidades técnicas para mitigar los desafíos ambientales en la Amazonía peruana y brasileña.” Presentation for the 22nd Meeting of Technical Consultation for the Commission of Cartography, PanAmerican Institute of Geography and History (PAIGH), November 19, 2013. Montevideo, Uruguay.
- 2013 Salisbury, David S. “La búsqueda de soluciones transfronterizas en las fronteras Amazónicas.” Presentation for the 19th Meeting of Technical Consultation for the Commission of Geography, PanAmerican Institute of Geography and History (PAIGH), November 19, 2013. Montevideo, Uruguay

Patricia Solís

Publications relevant to Geography / Latin America:

Hawthorne, Timothy, Patricia Solís, Brittney Terry, Marie Price, and Christopher L. Atchison. (Accepted, in press.) Critical Reflection Mapping as a Hybrid Methodology for Examining

Socio-Spatial Perceptions of New Research Sites. Manuscript accepted by *Annals of the Association of American Geographers*.

Solís, Patricia, Marie Price, and Maria Adames. (Accepted, in press). Building Collaborative Research Opportunities into Study Abroad Programs: A Case Study from Panama. Manuscript accepted by *Journal of Geography in Higher Education*.

Papers and Conferences

- 2014 NASA Television Broadcast of Capstone Fellows and the MyCOE / SERVIR Program, Invited Speaker, *received by Dr. Charles Bolden, Administrator; NASA Headquarters, April 3, Washington, DC. Recording available at <http://tinyurl.com/lwun2xm>.*
- 2014 US Agency for International Development Support for the MyCOE / SERVIR Global Fellowship Program, Invited Speaker at Public Poster Session, *received by Dr. Rajiv Shah, Administrator; USAID Headquarters, Ronald Reagan Building, April 4, Washington, DC.*
- 2014 "Informal Education, Social Media, and Geographic Technologies: Lessons on Scaling Up from the MyCOE Program," with Astrid Ng (co-author). Paper Presenter at Session on New Approaches for Advancing GIScience Education, organized by Anthony Robinson, Penn State University, *AAG Annual Meeting, April, Tampa, Florida.*
- 2014 Pan-American Geography: Working Across Academic, NonProfit, and Public Sectors to enrich Research and Education in the Americas, Organizer with David Salisbury, *AAG Annual Meeting, April, Tampa, Florida.*
- 2014 Beyond Professional Development: Candida Advice for Students and Early Career Geographers, Panelist, *AAG Annual Meeting, April, Tampa, Florida.*
- 2014 "Women Geographers and Women in Geography in the Americas / Geógrafas y Mujeres en la Geografía en las Américas," Special Session Organizer and Panelist, Conference of Latin Americanist Geographers, January, Panama City, Panama.
- 2014 "Building Collaborative Research Opportunities into Study Abroad Programs: A Case Study from Panama's Casco Viejo," Paper Presentation with Marie Price, CLAG Meeting, January, Panama City, Panama.
- 2013 "Colaboración para la Geografía en las Américas," Invited Speaker, IPGH Technical and Consultative Meeting, November, Montevideo, Uruguay.
- 2013 "Education and Geospatial Capacity for the World's One Billion Youth," Invited Speaker (given in Spanish), Conferencia Internacional de Geografía y Medio Ambiente, INEGI, October, Mexico City, Mexico.

International Workshops in Latin America (External Support)

La Paz, Bolivia, June 30 - July 9, 2014. Global Connections and Exchange Youth TechCamps Program: My Community, Our Earth; Secondary school students, 10 from the US with 30 from Bolivia. Orientation on Cultural Exchanges for US students in Miami, Florida. Geotechnologies and Climate Change. USDOS Youth Programs Division. www.aag.org/techcamps

Chitre, Panama, July 28 - August 6, 2014. Global Connections and Exchange Youth TechCamps Program: My Community, Our Earth; Secondary school students, 10 from the US with 30 from Panama. Orientation on Cultural Exchanges for US students in Houston, Texas. Geotechnologies and Climate Change. USDOS Youth Programs Division.
www.aag.org/techcamps



Pan-American Geography: Working across Academic, NonProfit, and Public Sectors to enrich Research and Education in the Americas

Organizers:

David Salisbury - University of Richmond
Patricia A. Solís - Association of American Geographers

Sponsorships:

Association of American Geographers
Latin America Specialty Group
Public/Private Affinity Group
PanAmerican Institute of Geography and History

Panelists:

Pablo Fuentenebro - United Nations Environment Programme
Stephen Perz - University of Florida
Marcellus Caldas- Kansas State University

Chair: Patricia A. Solís

Discussant: David Salisbury

Session Description: This panel introduces the gains, objectives, and challenges of geographers and related scholars working with/in institutional frameworks such as the Organization of American States (OAS) via Pan American Institute of Geography and History (PAIGH), the United Nations Environment Programme (UNEP), the United States Agency for International Development (USAID), the World Bank, and others to strengthen research and education across the Americas. We will begin by introducing the panelist affiliated institutions and the cross fertilization between these institutions and AAG, before reviewing successful projects led by AAG members, and sharing strategies to obtain institutional funding for future projects. This panel continues a long running set of sessions organized at AAG Annual Meetings that focuses on a theme of importance for facilitating collaboration among geographers and geographic institutions across the Western Hemisphere under the title of *Geography in the Americas*.

**2014 AAG Annual Meeting
Tampa Florida**

Objective. Notes compiled with the potential to write an article (Chronicle of Higher Education?) or book on collaboration.

Partial list of Organizations/Programs mentioned:

UNEP
ARIUSA
NASA
AAG
NSF
Oxfam
Interamerican Development bank
Canadian IDRC (International Development Research Corporation)
Organization of American States (OAS)
Pan American Health Organization (Virtual campus)
Pan American Institute of Geography and History
CIFOR
IEI

Initiatives exist to foment collaboration:

- NSF has Catalizing International Collaboration grants \$25,000-40,000.
- Brazil is investing money in developing research abroad
- Chile is too. CONICIT?
- Ecuador (Go Teach) program brings 100 teachers in 2dary education to KSU for ESL classes. Objective is that these
- KSU has increased % of Brazilian students exponentially with the hope these students will be the international collaborative faculty/professionals of the future
- UN's South to South collaborative office
- UN sustainable development program
- UN Eye on Earth summit
- UN forum for university sustainable
- UN Green Universities initiative
- ARIUSA: <http://ariusa.net/es/> Alianza Redes Universidades Sostenible (looking to bring in Caribbean and Brazil). ARIUSA has links to Spain
- MyCOE (My Community Our Earth) as a model sustainable partnership
- Foundation of the state of Sao Paulo (FundSP) looking to connect with north

Considerations of working on international inter-institutional collaboration

- Letters to live by: BPx3- Be Patient, Be Patient, Be Patient
- Need to educate institutions and staff regarding complexities of international work
- Develop a detailed understanding of how your institution works and how the partner institution works?
 - Legal office
 - Accounting/Financial office
 - Politics
- Lawyers and accountants become involved with different agendas and needs
- Your institution needs to understand how to send \$ to partners internationally. What are the challenges?
- You and your immediate partner may have a shared purpose, but what else is shared? How can that overcome distinct cultures, bureaucracies etc...
 - Signing agreements between organizations necessary but sometimes difficult
- Federal agencies differ in how they engage abroad. Be sensitive to this.
- Read the management literature. Much to be learned.
 - "Collaborative advantage"
 - Can do more/better/something unique working together than one can alone
 - Lack of infrastructure in your institution can be compensate by collaborative work
 - Lack of expertise in your institutions
 - Lack of resources
- "Crossing boundaries" projects bring complexity and challenges. 2 to focus on
 - Politics and inequalities
 - These have to be managed, as they cannot be resolved in the time frame of a collaboration.

- Uncertainty and surprise
 - International collaborative projects are rife with these. One will always be adapting to unforeseen issues.
 - See these as opportunities rather than just setbacks/challenges
 - Consider consulting Evelyn Waugh's *Muddling Through*
- Branding key... message consistent and well marketed to target audiences
- Research coordination networks. Appear to be undertheorized and there are opportunities in the NSF
- Collaboration is dynamic
 - Partnership changes
 - Institutions evolve
 - Personnel changes: but follow your contacts who will cycle between NGO, GO, and academic positions
- Climate change, disease, pollution and other "wicked problems" as not knowing borders... this fosters collaboration
- Collaboration in itself builds
 - organizational capacity
 - opens doors and builds network ties
 - Funders talk to funders
- Once agreement runs, you now represent your organization: "you become the hinge, the tension point"
- Ethics has much to do with inequality
- Approach of putting salaries up on the wall so there are no financial secrets
- Collaboration requires \$ & time
- Try and identify what others want out of collaboration. Ask "what do you want out of this?"
 - \$: US academics often less focused on this, but can be MUCH more important consideration outside of US academia
 - credit
 - visibility
 - authorship
- But not everyone knows what they themselves want.

- Higher education plays a particularly important role in sustainability given future generation training. Will your collaboration impact interdisciplinary work, tenure and promotion, graduate students... others.

Additional references for consideration:

UNEP Report (co-authored Ligia Castro, Graciela Metternicht) on LAC Region
http://www.unep.org/geo/pdfs/geo5/GEO5_report_C12.pdf

Building Bridges Across Sectors, From practitioners sourcebook, by Synergos Institute
<http://www.synergos.org/knowledge/00/fbsprogrm8.pdf>

World Bank's Report on Higher Education in Latin America - Directions in Development
http://siteresources.worldbank.org/EXTLACREGTOPEDUCATION/Resources/Higher_Ed_in_LAC_Intnl_Dimension.pdf

Extensive listing of International Development Organizations (Kent University)
<http://www.kent.ac.uk/careers/workin/InternationalDevelopmentOrganisations.htm>

Extensive listing of research grant mechanisms and programs representing cross-disciplinary and team-based funding opportunities, by NORDP
<http://www.nordp.org/funding-opportunities>

Clinton Global Initiative - 2013 Meeting in Latin America ("moving beyond discussion to drive cross-sector action")
<http://www.cgilatinamerica.org/>

See also AAG's Geography in the Americas resources at www.aag.org/americas

[Notes by D.Salisbury, M.Caldas, P.Solis, 2014]

Press Release: Murder in the Peruvian Rainforest

Four indigenous Ashéninka leaders, Edwin Chota Valera, Jorge Ríos Pérez, Leoncio Quinticima Melendez, and Francisco Pinedo, were murdered in the Peruvian Amazon due to their efforts to obtain legal title to their native community of Alto Tamaya Saweto. The four men were walking a remote rainforest trail through their ancestral homelands to meet with their Ashéninka cousins in Apiwtxa, Brasil to discuss logging and drug trafficking threats along the Peru/Brazil border. The Alto Tamaya Saweto community had recently made important progress in their long struggle for territorial rights, having met this summer with the Presidency of the Council of Ministries (PCM), the new Peruvian Forestry Service (SERFOR), and the state forest supervisory organization (OSINFOR) to advance Saweto's decade long efforts to downsize the forests of permanent protection (BPP) and legally exclude the inactive forestry concessions overlapping their territory. The Peruvian state must guarantee that Saweto's legal and administrative proceedings continue while also ensuring the security of this indigenous population that lives in constant threat by illegal loggers and drug traffickers. These defenders of the rainforest and its people must be protected if the extensive forests of the Amazon are to continue their vital roles in maintaining carbon cycles, water cycles, and biodiversity. Other members of the community have fled to Brazil and Pucallpa, Peru.

Edwin Chota and Jorge Ríos featured in the April 2013, National Geographic Article, [Mahogany's Last Stand](#) where author Wallace talks of the same trail where the four men from Saweto were killed: "As long as we don't have title, the loggers don't respect native ownership," Chota says, standing at the rear of the canoe, propelling us with thrusts of a ten-foot pole. "They threaten us. They intimidate. They have the guns." The target of frequent death threats, Chota has repeatedly been forced to seek sanctuary among the Ashéninka's tribal relatives in Brazil, a two-day hike from here along ancient footpaths."

Scott Wallace's National Geographic Blog article, [Threats abound as Peru cops seize ill-gotten timber](#), identifies loggers who issued death threats against the people of Saweto. The Society of Threatened Peoples recognized the danger to Edwin Chota's life in 2012 writing letters to embassies, conducting a [video interview](#) with Chota, and writing a short article: [Edwin Chota in mortal danger](#). The New York Times also quoted Edwin Chota in an article in October 2013 about corruption endemic in the prosecution of illegal logging [Corruption in Peru aids cutting of rainforest](#): "There is no law," Mr. Chota said, during a visit to the sawmill that held the stacks of massive logs that he had followed from his village. "There's no money to investigate. There's only money to destroy."

A facebook page, [Title Saweto's Land](#), and [petition page](#) have been set up to support Saweto's struggle for control of their territory.

Links of interest:

The **Upper Amazon Conservancy** works with Saweto to title their land: <http://upperamazon.org/>

The **National Geographic Society** has documented the threats to Saweto

<http://ngm.nationalgeographic.com/2013/04/mahogany/wallace-text>

<http://newswatch.nationalgeographic.com/2013/04/11/threats-abound-as-peru-cops-seize-ill-gotten-timber/>

<http://newswatch.nationalgeographic.com/2011/09/12/loggers-and-natives-face-off-in-the-borderlands-2/>

<http://newswatch.nationalgeographic.com/2011/08/25/dark-edge-of-the-frontier/>

The **New York Times** has written on the subject

<http://www.nytimes.com/2013/10/19/world/americas/corruption-in-peru-aids-cutting-of-rain-forest.html?pagewanted=all>

The **Society for Threatened Peoples** repeatedly documented the threats to Edwin Chota's life

<http://www.gfbv.de/inhaltsDok.php?id=2475>

A **Society for Threatened Peoples** interview with Edwin Chota regarding threats to Saweto and his person

<https://www.youtube.com/watch?v=d6xcXPTlosw>

A preliminary article has appeared in **El Comercio**

<http://elcomercio.pe/peru/ucayali/cuatro-ashaninkas-fueron-asesinados-madereros-ilegales-noticia-1755373>

The University of Richmond Geographer David Salisbury has worked with Saweto for a decade

<http://blog.richmond.edu/dsalisbury/>

Salisbury's short Film Interviews with the Ashéninka shows threats a decade ago

<https://www.youtube.com/watch?v=ytWbGwQrfxw>

Facebook page (Emory Richey visited Saweto as a U. of Texas undergraduate in 2007 and set up this page and a petition)

<https://www.facebook.com/SawetoAltoTamaya>

Petition page: Title Saweto's Land

<http://www.ipetitions.com/petition/give-saweto-title-to-their-territory/>

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