



## ACTIVITY REPORT

2020 - 2021



## INTRODUCTION

The Asociación Panamericana de Profesionales de la Agrimensura y Topografía – APPAT (Pan American Association of Professionals of Surveying and Topography) is an international entity, whose primary purpose is to strengthen professional practice, promote the teaching and dissemination of surveying and topography in its various areas and with the accents of diversity, of member countries that comprise it, in accordance with ethical standards and social commitment.

On September 18, 2020, our organization celebrated its 10 anniversary, a historic event that has undoubtedly contributed to the positioning of all surveying professionals in our region.



Photo of the  
constitution  
of APPAT  
September 2010



## APPAT Association Members

ARGENTINA

BOLIVIA

COLUMBIA

COSTA RICA

CUBA

GUATEMALA

HONDURAS

MEXICO

NICARAGUA

PANAMA

PERU

PUERTO RICO

SPAIN

UNITED STATES



## MIEMBROS DE APPAT



### ARGENTINA

Federación Argentina de Agrimensores - FADA <http://www.agrimensores.org.ar/>

Colegio de Agrimensores de Córdoba <http://www.agrimensorescordoba.org.ar/>

División General de Castastro de Córdoba <http://dgc.cba.gov.ar/CDC/PageHome.aspx>



### BOLIVIA

Colegio de Topógrafos de Bolivia COTOBOL <https://www.cotobol.com/>



### HONDURAS

Universidad Politécnica de Ingeniería <http://www.upi.edu.hn/>



### MÉXICO

Asociación de Colegios Mexicanos de Ingenieros Topógrafos ACOMITAC <http://www.acomitac.org.mx/>

Colegio de Ingenieros Topógrafos de México A.C. [www.citac-mex.org.mx](http://www.citac-mex.org.mx)



### COLOMBIA

Sociedad Colombiana de Topógrafos - SCT <http://www.sct.org.co/>

Consejo Profesional Nacional de Topografía - CPNT <http://www.cpnt.org/>

Universidad del Tolima de Colombia [www.ut.edu.co/](http://www.ut.edu.co/)

Cámara Colombiana de la Topografía - [www.camaratopografia.com.co](http://www.camaratopografia.com.co)



### COSTA RICA

Colegio de Ingenieros Topógrafos <http://www.colegiotopografoscr.com/>

Universidad de Costa Rica - UCR <http://www.eit.ucr.ac.cr/>

Universidad Nacional de Costa Rica - UNA <http://www.etcg.una.ac.cr/>



### NICARAGUA

Asociación de Topógrafos de Nicaragua <https://www.facebook.com/pg/topografafodemam> ref=page\_internal



### PANAMÁ

Asociación Panameña de Topógrafos y Geodestas  
Asociación Panameña de Técnicos Topógrafos APATT



### PERÚ

Consejo Nacional de Ingenieros Topógrafos y Agrimensores del Perú <https://www.facebook.com/conitap.puno/>



### PUERTO RICO

Colegio de Ingenieros y Agrimensores de Puerto Rico CIAPR <http://www.ciapr.org/>



### CUBA

Unión Nacional de Arquitectos e Ingenieros de la Construcción de Cuba - UNAICC <http://www.unaicc.cu/>



### ESPAÑA

Federación Internacional de Geómetras - FIG <http://www.fig.net/>

Colegio Oficial de Ingeniería Geomática y Topográfica [www.coit-topografia.es](http://www.coit-topografia.es)



### ESTADOS UNIDOS

National Society of Professional Surveyors <https://www.nspis.us.com/default.aspx>



### GUATEMALA

Universidad de San Carlos USAC <http://www.usac.edu.gt/index.php>



## 2. Activities

**2.1 Facebook**      **May 2020: 183 followers**                      **June 2021: 665 followers**      **363% increase**

Objective to share information more expeditiously with professional members of APPAT

**2.2 Website**      [www.appatsede.com](http://www.appatsede.com)

Up-to-date information about the association

### 2.3 Strategic Plan

In 2020, the organization's strategic plan was drawn up. There are 5 perspectives, a well-defined strategic map and a balanced scorecard that develops 10 objectives.

### 2.4 The Pan American Academy of Surveying and Topography

The Pan American Academy of Surveying and Topography was created with the objective of integrating scientific and academic knowledge of the professional activity in the field of Surveying and Topography. It is made up of 10 full members. It is divided in seven Commissions, the image of those that work in FIG, in order to enforce its results, in the future, directly to facilitate communication with FIG.

### 2.5 Virtual Meetings

2020: 11 meetings of the Board of Directors      2021: As of June, 5 meetings of the Board of Directors have been held



## 3. APPAT Commissions

### 3.1 Young Professionals Commission – Eng. Melissa Retana, Coordinator

The commission was made up of representatives from Costa Rica and Puerto Rico. In 2020 more members have been appointed representing organizations from Mexico, Argentina, Cuba, and Colombia, which participated in a virtual meeting where they agreed to work on a draft work plan.

### 5th Young Surveyors Conference – Social Distancing Edition (UTC -3 Latin America)

Saturday, May 9, 2020 – in this event, a space was provided to the coordinator of the APPAT Young Professionals Commission, to talk about APPAT and the objectives of the commission. As a result of this activity, a network was created with young surveyors from Argentina and Colombia where they constantly share information and events of interest.

### Book Matilda and Women in Engineering

June 2020 - Eng. Melissa Retana participates in the writing of an article on personal experience or article related to women and topographic engineering. The article talks about our profession, the role of women, and the work carried out by this commission within APPAT.



## 3.2 Borders Commission

The APPAT Borders Commission is a body created to provide technical advice to the different APPAT member countries in order to ensure the good quality and maintenance of the different land, sea, air and underground borders. All this in accordance and exclusively within the scope of the professional fields of topography, geodesy, geomatics and surveying.

### GENERAL OBJECTIVE:

To be a body for consultation and technical advice on borders, both land, sea, air and underground for the different governments of the APPAT member countries It also seeks to contribute to strengthening international ties trying to contribute to border harmony and stability.



### 3.3 Special Dictionary Commission – Eng. Daniel Acuña, Coordinator

The commission proposed creation of a repository of terms related to the different themes of Surveying, Topography, Geodesy, Geomatics and the like. The proposal is to develop a digital platform where information can be fed in the following way:

#### A. Space for particular definitions

In this section some definitions could be considered “universal”, well structured and fully accepted are being placed, with their complete bibliographic reference.

#### B. Reference Block

Place on the APPAT page a series of links referred to sites where the terminology or the different fields of the profession can be consulted. This information is already on the website: [www.colegiotopografoscr.com/appat/comisiones.html](http://www.colegiotopografoscr.com/appat/comisiones.html)

#### C. Regional Terms Book

In the same section, a collaborative space will be opened for all members of APPAT, so that the terms of daily use in the profession can be placed, with country references and if it is the case, of the region.

### 3.4 University Affairs Commission

Objective: Analyze the current state of the curriculum in surveying and topography to make a current state and promote improvements in academic programs.





## 4. Special Activities

**May 16, 2020 - First APPAT International Virtual Congress**

### Webinars:

**March 26, 2020 – “Project Management for Surveyors”** taught by Agrim. Ruth Lailany Trujillo from Puerto Rico

**November 20, 2020 – Cycle of webinars called “Land Administration – Cadastre”** The first webinar was given by Fernando de Aragón Amunárriz, Director General of the Cadastre of Spain and President of the Standing Committee of the Cadastre of Iberoamerica.

**December 4, 2020 – Second webinar “Land Administration – Cadastre”** given by Mr. Alfredo Alverto Oliver, President of the College of Surveyors of the Province of Córdoba Argentina and representative of the Argentinian Federation of Surveyors before the Federal Council of the Land Registry.

**May 15, 2021 – First Forum on Natural Disasters** – Leading professionals from Spain, Chile, Costa Rica, Puerto Rico, Argentina and Mexico participated.



## Webinars to be held:

**June 26, 2021 – International Day of Women in Engineering Forum.** We will have the participation of women experts from the United States, Mexico, Spain, Peru, Costa Rica, Paraguay, Puerto Rico, Colombia, Argentina, Ecuador and Chile. Second Semester: Introductory Course on GIS and Remote Sensing. The objective is to formulate a basic prerecorded course of GIS and Remote Sensing. Professionals from different countries will participate as instructors.

## APPAT General Assembly 2021

In the 2020 General Assembly, it was agreed to hold the 2021 General Assembly on site in Nicaragua in October 2021, if the conditions related to the pandemic allow for participants to travel. Furthermore, APPAT is monitoring the situation to make decisions on time foreseeing the possibility of a virtual Assembly.