



**PRESENTATION TO THE
INTERNATIONAL FEDERATION OF
SURVEYORS
OF THE
PROFESSIONAL ENGINEERS
& LAND SURVEYORS
ASSOCIATION OF PUERTO RICO
(CIAPR)**



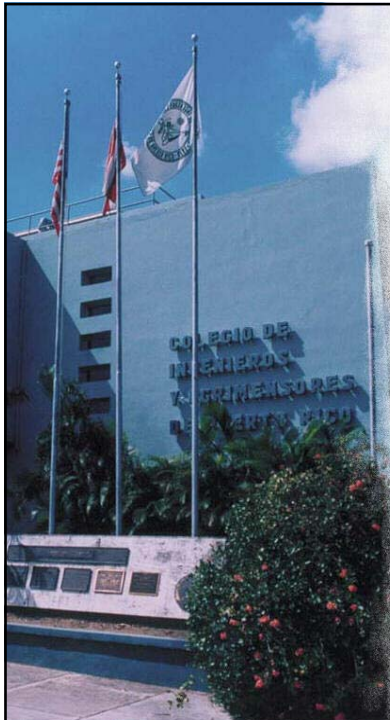
*Linda L. Velez-Rodriguez, P.E.
President
Institute of Surveyors of the CIAPR*



**PROFESSIONAL ENGINEERS
& LAND SURVEYORS
ASSOCIATION OF PUERTO RICO
(CIAPR)**



*An organization dedicated to serving its
members and the Puerto Rican Society.*



Background

In 1904, a group of engineers, created the Puerto Rico Society of Engineers, and in subsequent years they endeavored to legally organize the profession.

In 1927, a law was passed to create the Engineers, Architects and Land Surveyors Board of Examiners

In 1938 with the passing of Law #319 the Professional Engineers, Architects and Land Surveyors Association of Puerto Rico was founded.



Background

- In August 1980 the passing of Law #12 separates the Professional Architects Association from the Engineer's and Land Surveyors.
- In August 1988 the passing of Law #173 creates the figure of Professional in Training.
- In December 1997 the passing of Law #185 sets the requisite of mandatory continuous education.
- In December, 2003 Law 333 defines as a Felony the illegal practice of the profession.



The Study of Engineering and Surveying in PR

• University of Puerto Rico*	4,400
• Polytechnic University*	2,254
• Turabo University	1,128
• Interamerican University	879
• Caribbean University	<u>330</u>
TOTAL	8,991

* Surveying Program

26% Female Students

Multiple Student Chapters



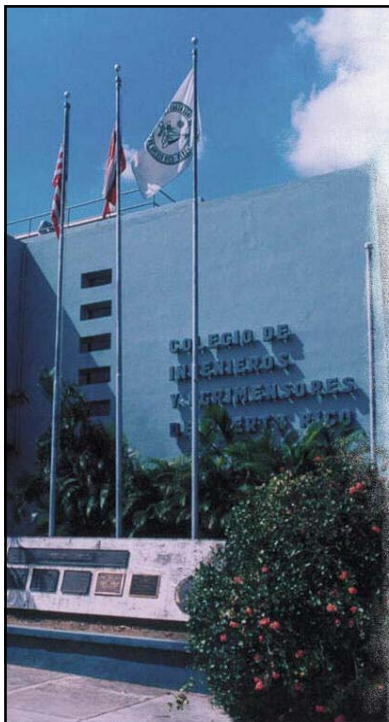
By Law

- In order to be called, presented or represented as an engineer, architect or land surveyor in Puerto Rico, you have to be...
 1. Graduated from a recognized university.
 2. Pass the fundamental and professional examinations.
 3. Obtain a license or certificate from the Examiners Board
 4. Be a member of the CIAPR
 5. Stay in good standing.



VISION


*The Professional Engineer
and the
Professional Land
Surveyor:
center of Puerto Rico's
economic activity and
development.*



MISSION

The CIAPR is the representative of the Engineering and Land Surveying professions.

It's members promote the development and defense of these professions for the welfare and of the people of Puerto Rico, encouraging the study of the profession as a vocation, competent professional practice and excellence based on the code of ethics of our profession.




MEMBERSHIP

- The CIAPR is made up by the following seven Institutes:
 - 483 Land Surveyors
 - 4,431 Civil Engineers
 - 165 Computer Engineers
 - 2,538 Electrical Engineers
 - 909 Industrial Engineers
 - 2,088 Mechanical Engineers
 - 891 Chemical Engineers


For a total of 11,505 members, divided in eleven (11) geographical chapters

10 in the Island + 1 in Florida, USA



OPERATIONAL BUDGET

PRESUPUESTO OPERACIONAL



■ Estampillas

■ Cuotas

■ Renta de Propiedades

■ Otros


Estampillas	50
Cuotas	30
Renta de Propiedades	15
Otros	5

Total Budget

\$7,000,000.00

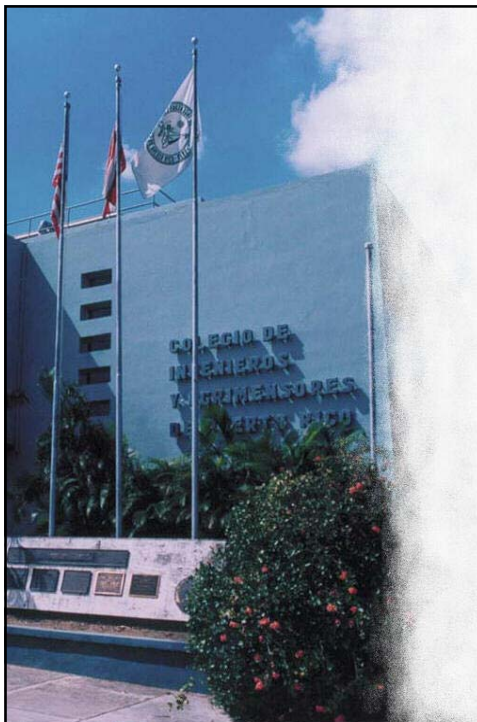
Assets

\$25,000,000



MEMBERS SERVICES

- **INSURANCE**
 - Group life insurance coverage
 - Group loss of income
 - Group tissue and organ transplant
 - We endorse a health insurance program and an automobile premium discount master policy
 - We have a broker who provides free insurance consulting.



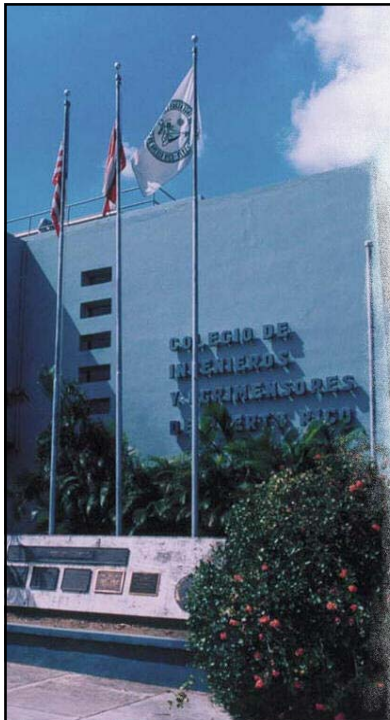
MEMBERS SERVICES

- **Financial Assistance for disabled members**
- **Free legal consulting**
- **Elderly housing for members and their family.**
- **In-House Credit Union.**
- **Continuing Education**



COMMUNITY SERVICES

- Pre and post counseling to communities and families about to be/or affected by natural disasters or anthropogenic events (landslides, floods and fires).
- Publish guides for hurricane and seismic resistant housing structures.
- Engineers and Land Surveyors Emergency Management Team.
- Weekly Radio & TV programs
- Continuous press releases and interviews promoting our institutional positions.



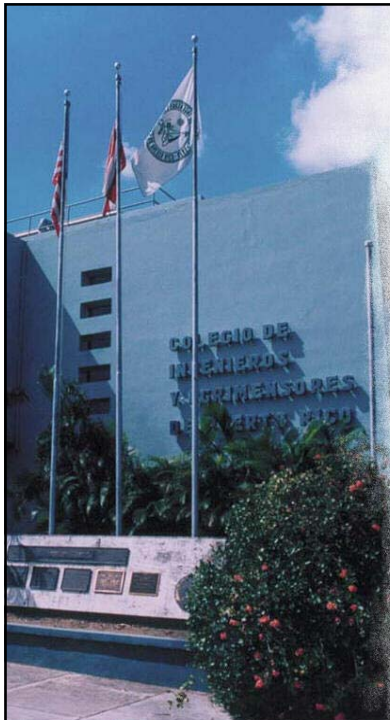
INTERNATIONAL RELATIONS

- The CIAPR has a collaborative relationship with several sister organizations such as:
 - APPA, AIDIS, AWWA, FIG, COPIMERA y WFEO, UPADI, WEF, AGC, WEF, NSPE, amongst others.
 - Helped with the reconstruction of the Jimani area in Dominican Republic that was affected by floods
 - Assisted the El Salvador government after the 1999 earthquake .



INTERNATIONAL PROJECTION

- We are currently working in a project called “Adopt a Village”- a sustainable development model project in the Dominican Republic.
- For the past two years, the CIAPR headed the Technical Committee (COMTECH) Vice Presidency, and we are celebrated the 2005 Congress and General Assembly Meeting in October 16-22.
- **Application to Host the 2011 Working Week of the FIG.**



- **CIAPR is the Professional Association that serves a Puerto Rican population of approximately 4 million in a geographical area of 35 miles wide by 100 miles long (56 km X 160 km).**
- **CIAPR is ready to host the 2011 WW of FIG**

Puerto Rico: the shining Start of the Caribbean



*Linda L. Velez Rodriguez, President of
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At 2011 the UPRM will celebrate it 100 years (1911-2011)



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