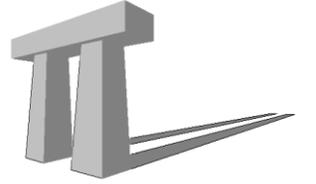




ORDEM
DOS
ENGENHEIROS



2019 ANO DE
EFICIÊNCIA MATERIAL
ECONOMIA CIRCULAR



UNAICC
Unión Nacional
de Arquitectos e Ingenieros
de la Construcción de Cuba

HISTORICAL CITIES CURRENT VISION?

UNIÓN NACIONAL DE ARQUITECTOS E INGENIEROS DE LA
CONSTRUCCIÓN DE CUBA(UNAICC)



Kyra Bueno Risco
Presidenta Nacional de la Sociedad de
Ingenieros Civiles
Septiembre/2019





VISITORS' PLACES



DIFFERENT FUNCTIONS AND IMPORTANT ASPECTS OF THE CITY'S SOCIAL LIFE

HISTORICAL CITIES

HERITAGE

TOURISM



HERITAGE AS A MAIN TOURIST ATTRACTIVE



CONCENTRATION SPACES OF CULTURE: monuments symbols of a particular culture and social formation



Tangible resources
(monuments, urban red,
public spaces)

Cultural wealth of the
Historic City



Intangible (lifestyles,
recreational, festive
manifestations and their own
daily rhythms)





ALICIA GARCÍA SANTANA

Dr. Alicia García Santana published her book "The Cuban First Villas " in 2008, the result of a joint study of the first foundations of Spanish cities on the island, which helps to show the history of each of the first cities over five centuries, including its particular historical context, its religious, civil, domestic, vernacular and industrial architecture and its intangible heritage, cultural resources that today are valuable products for cultural and economic development.

She graduated in Literature in 1971 and as a Doctor of Art Science in 1986, she is recognized within the Latin American specialists for her works of historical analysis and monumental preservation.

Cuba



The largest of the islands of the Antilles Caribbean, 1,600 small islands and cays within which stands out that of La Juventud, Pinos or del Tesoro. In Aboriginal language the word Cuba meant "land par excellence", allusion to its larger size compared to its sisters. Long and narrow it resembles a great alligator whose snout turns towards the sunrise. From the end of San Antonio, in the west, to Maisí, at the east, the large island of Cuba measures 1,200 kilometers



First Villas

HABANA
(1519)



CAMAGUEY
(1515)

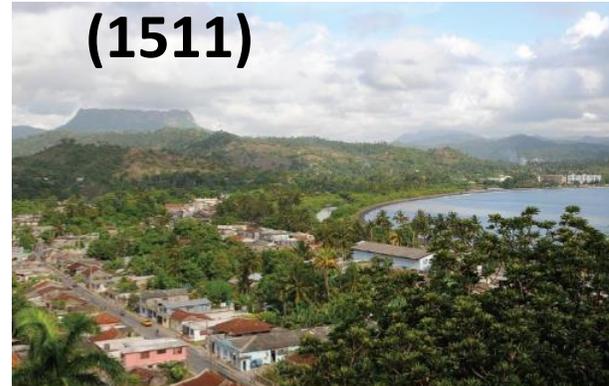


SANTIAGO DE CUBA
(1515)

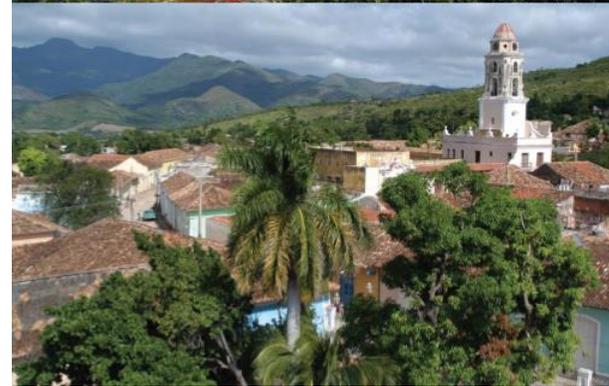


REMEDIOS
(1544)

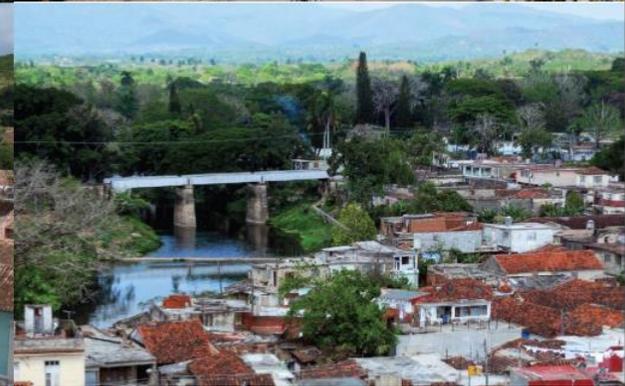
BARACOA
(1511)



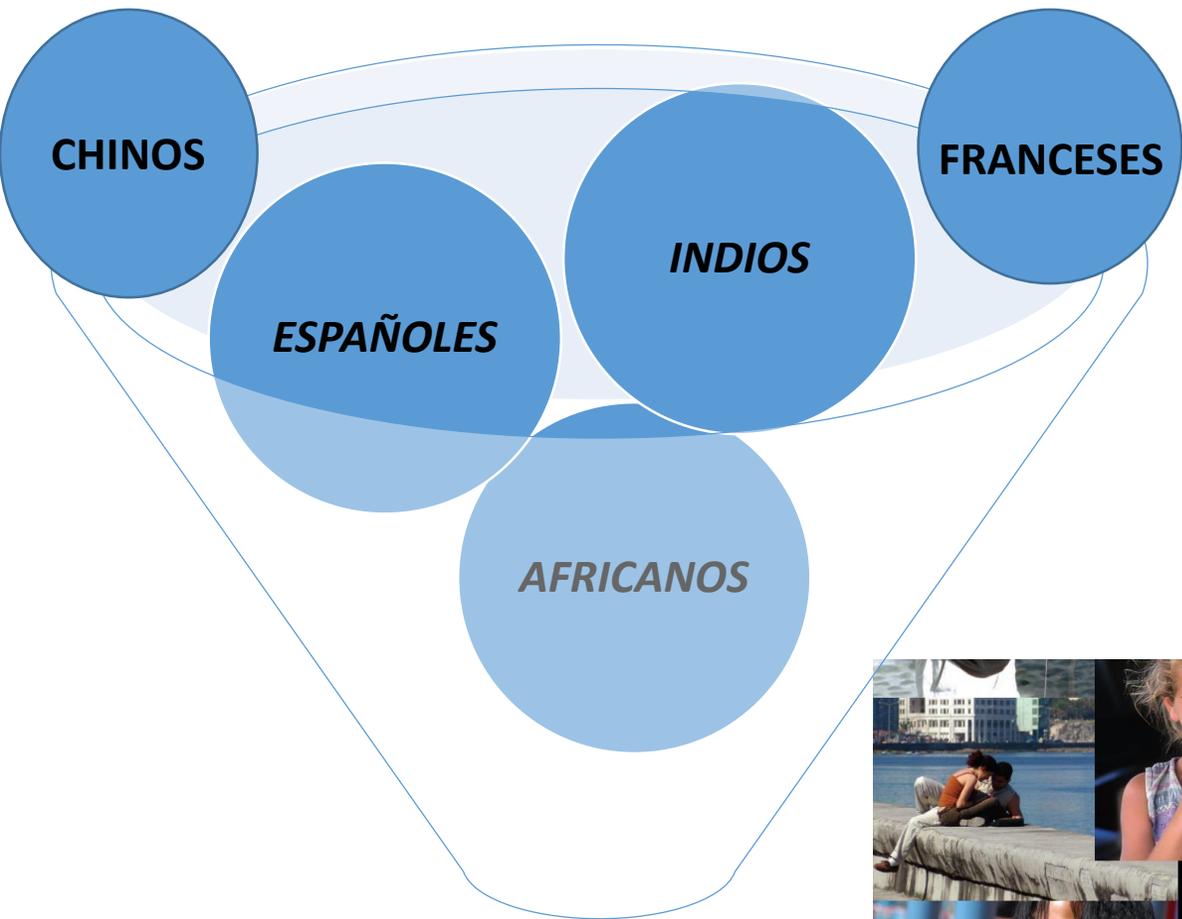
BAYAMO
(1513)



TRINIDAD
(1514)



SANCTI SPIRITUS
(1514)



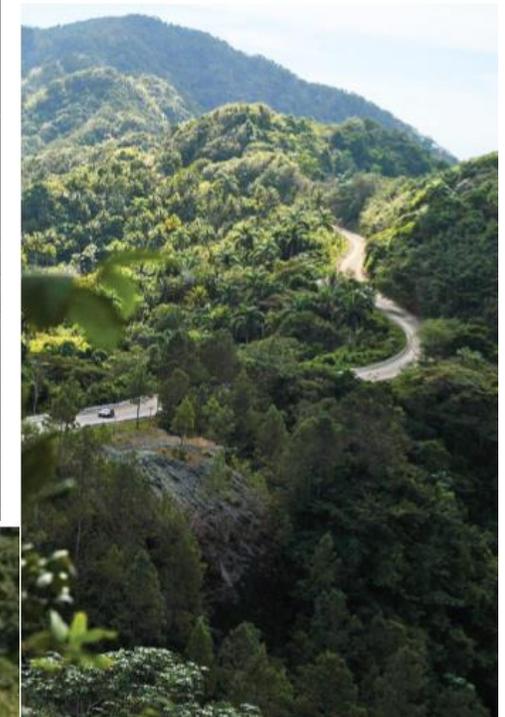
**MESTIZA CULTURE
BLOOD CROSSES AND
TRADITIONS**





Nuestra Señora de la Asunción *Baracoa*

- Located in the extreme north east of Cuba.
- Authenticity in a barely anthropized nature.
- Population with native physical features.
Primitive villa with 20th century architecture, except for its fortifications, churches and few houses.
- Initial inaccessible location and difficult transportation by sea.
- Existence of the Viaduct La Farola considers one of the 7 Wonders of Cuban Civil Engineering, a highway like a flown balcony.
- Chocolate and coconut industry.
- Native music and dances (Nengón and Kiribú)



CASA DEL COMANDANTE DEL EJÉRCITO LIBERTADOR PEDRO EDUARDO SÁNCHEZ, CA. 1892, MARTÍ 123.



Arquitectura Doméstica

Arquitectura Militar



Arquitectura Religiosa



Arquitectura Vernácula

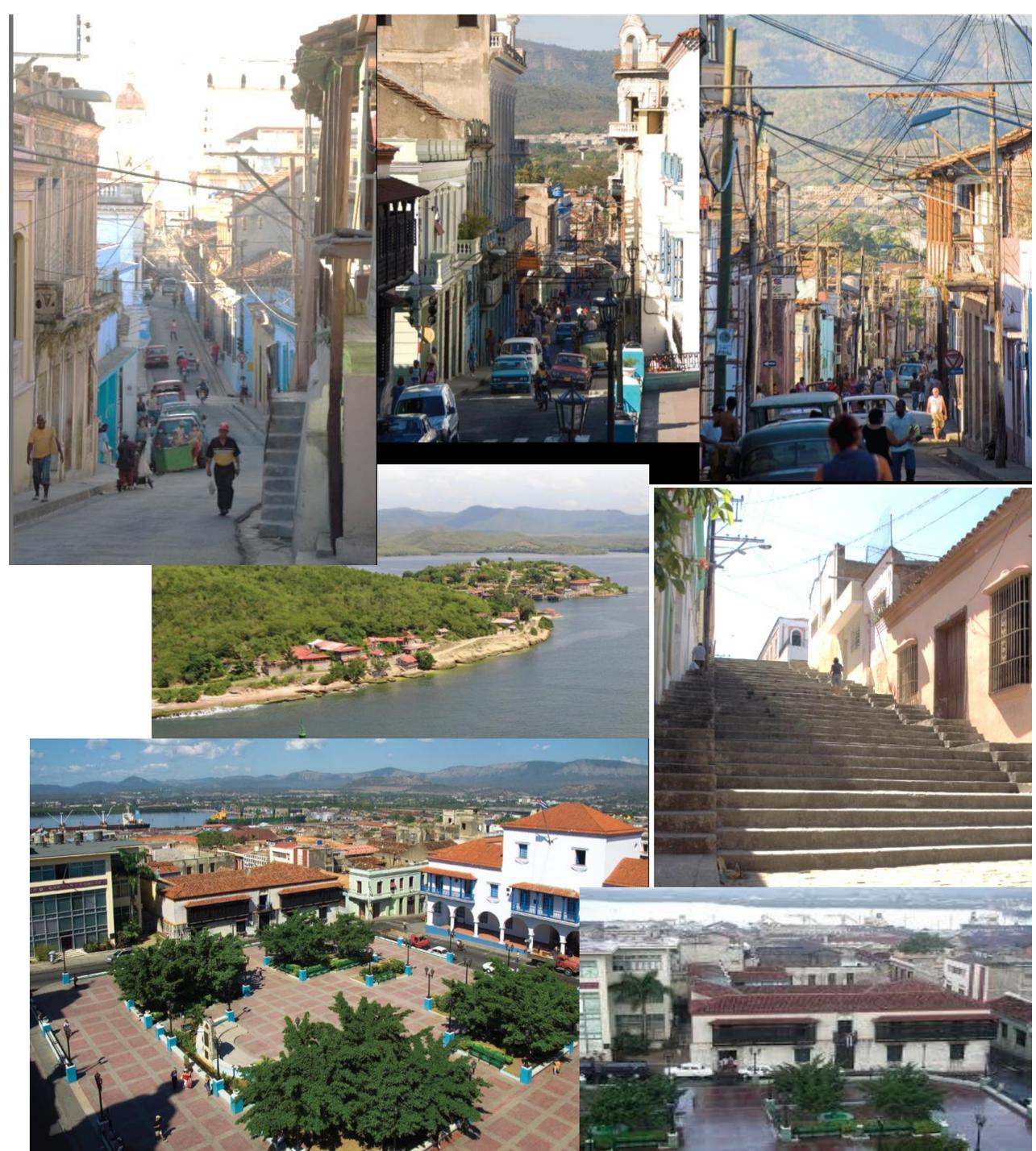
Patrimonio Intangible





Santiago de Cuba

- Located in the south-eastern region of the country.
- Located on terraces, irregular relief that ends in stock exchange bay.
- Surrounded by the highest mountains in the country.
- High temperatures and high seismic activity.
- Historical, architectural and landscape values.
- Link between city and environment that makes it a "landscape city".
- Idiosyncrasy sui generis linked to the environment.
- Emergence of music with worldwide recognition (son, rumba, guaguancó).
- Other traditional Cuban cultural manifestations stand out.





Arquitectura Militar



Arq. Religiosa



Arq. Doméstica



Patrimonio Intangible

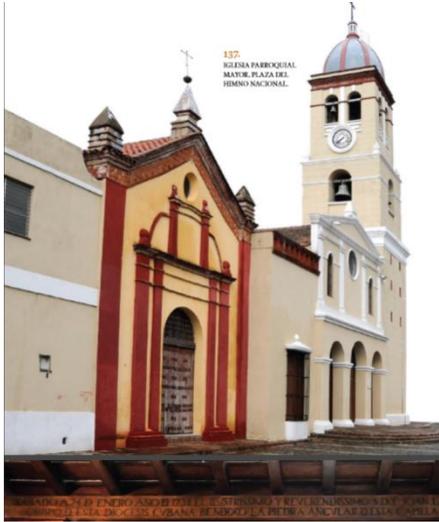




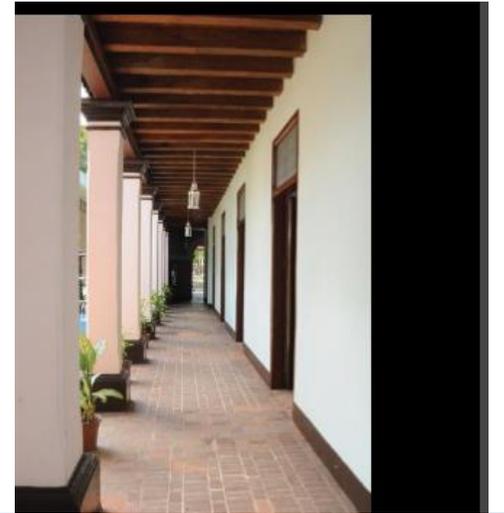
San Salvador del *Bayamo*

- Born in 1513, declared a National Monument in 1978.
- Population identified with a land they consider exclusive and own with lineage attached to a Creole lineage
- City with regular configuration with roads drawn from north to south.
- It is characterized by the location of places, 9 in total.
- Semi-regular plot, narrow streets and with many points of road discontinuity.
- It has a CHU of marked architectural and historical values.
- Domestic architecture, the colonial style prevails with a structural system of wooden porches and low strut ceilings, which in many cases maintain their original characteristics.
- Styles such as neoclassical and eclectic stand out.
- It mixes the vernacular, the handmade and the popular.
- Being the land where the main figures of the liberating deeds were born, the national anthem of Cuba emerges and the Act of the Rosary (10/10/1868) is written as a claim of independence and freedom, this city is fully recognized as Intangible Heritage .





Arq. Doméstica



Arq. Civil

Arq. Vernácula

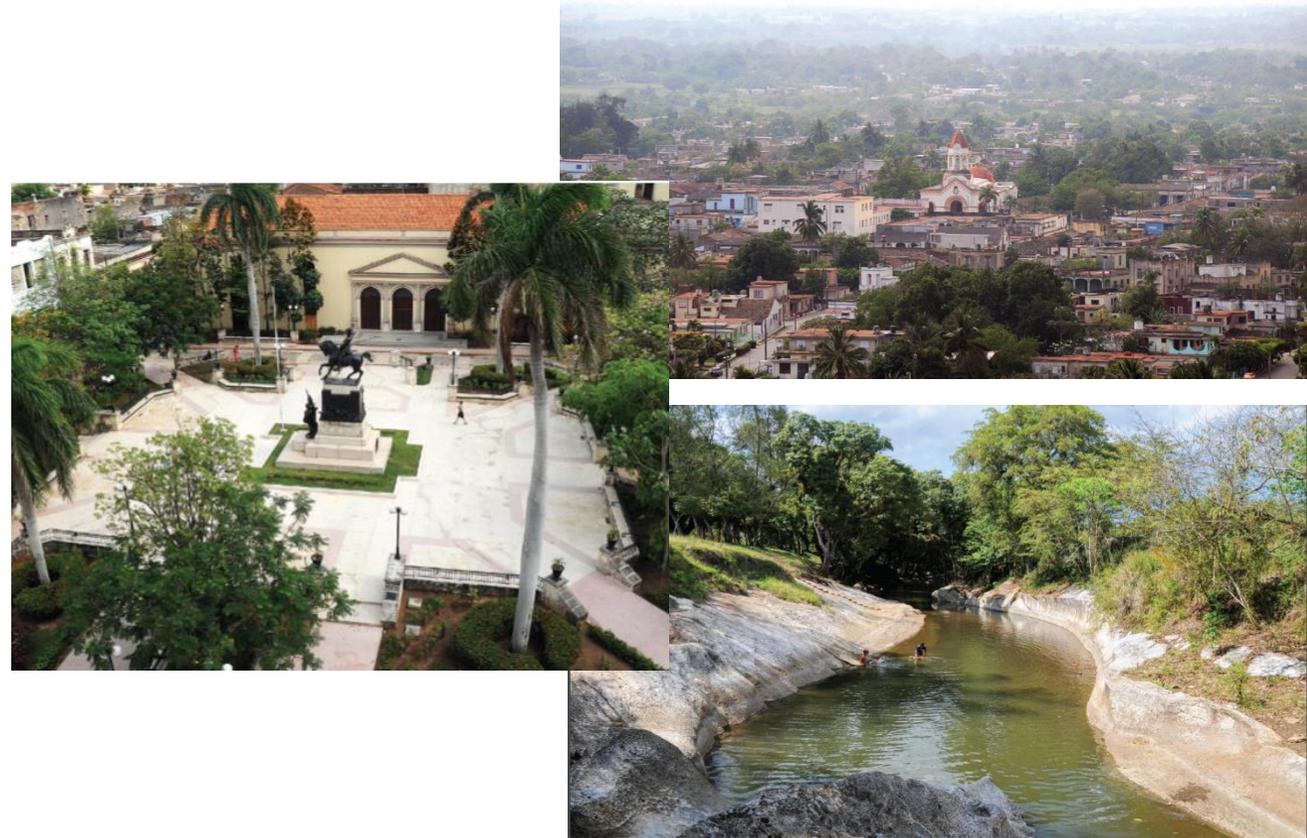
Arq. Religiosa





Santa María del Puerto del Príncipe o *Camagüey*

- Founded in 1514, located in the center of the island equidistant from both coasts and is still considered an eastern region.
- Cultured population with great roots of regionalist traditionalism.
- The city is one of the most coherent urban complexes in the country, with exceptional environmental status.
- Its CHU was declared a National Monument in 1978 and then in 2008 a sector of it was declared a World Heritage Site by UNESCO.
- It is located on a large plain.
- Pose a rich religious heritage.
- The layout is irregular and the city grows towards the 4 cardinal points.
- The ceramics industry develops.

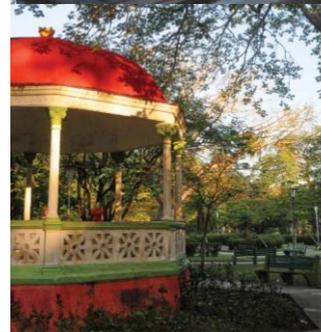




Arquitectura Religiosa



Arquitectura Civil





Arquitectura Doméstica



Arquitectura Industrial

Patrimonio Intangible

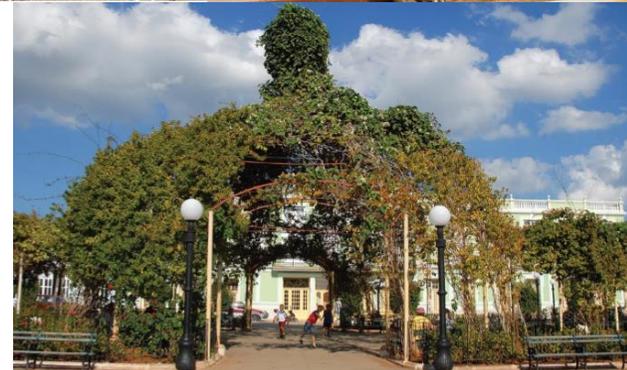
PIEZAS DE BARRO DEL ARTISTA CAMAGÜEYANO NAZARIO SALAZAR.





Santísima *Trinidad*

- The city constitutes an time exceptional testimony.
- Founded in 1514, declared National Monument in 1978 and in together with the Valle de los Ingenios receives the World Heritage category by UNESCO in 1988.
- It has great natural wealth, is located next to a great elevation.
- City that keeps the cobblestone streets.
- The exceptional conservation of buildings and the urban environment allows Trinidad to be considered the most genuine site in the country.
- The layout of the city is irregular, the brick sidewalks and other elements of urban furnishing.
- The houses are simple, with a single nave with hanging roofs and covered with Creole tiles.
- The fabric in Trinidad becomes the most sensitive expression of the national culture: the role of women in the home and the sense of the family for the Cuban.





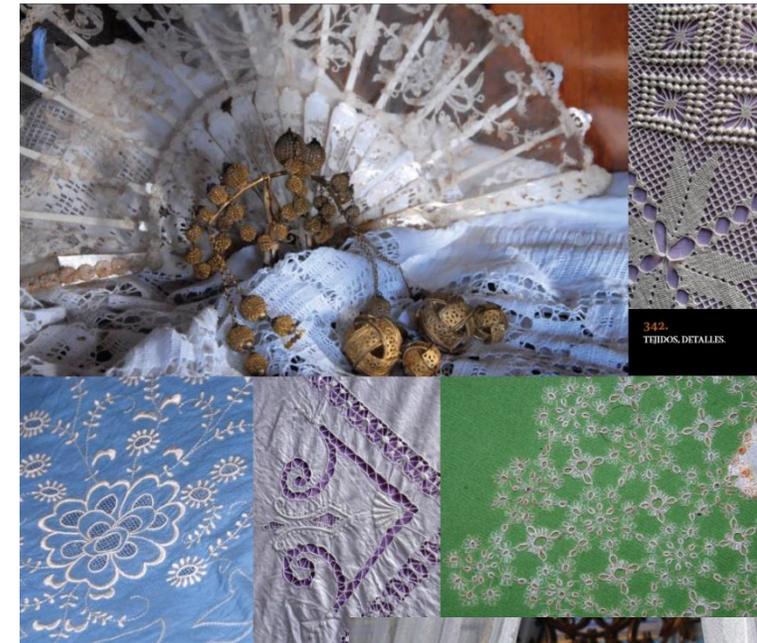
Arquitectura Religiosa



Arquitectura Civil



Arquitectura Doméstica



Patrimonio Intangible

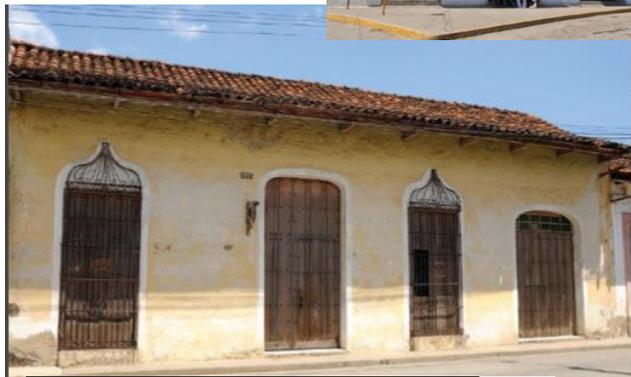




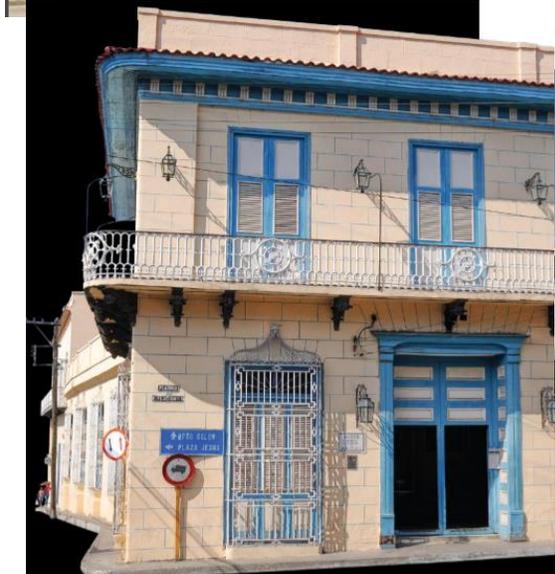
Sancti Spiritus

- Located in the center of the island, declared National Monument in 1978.
- Population with simple customs and highly religious
- Old buildings with artistic, archaeological and social values.
- Residential properties with formal characteristics examples of environmental adaptation.
- It was tradition to build the new with the old and the reuse of available structures.
- City where it reflects the urban and the rural.
- It is considered the most "medieval" of Cuban primitive populations.
- Attributes of the peasant culture are recognized: customs, objects, costumes, music, dances, songs and poems, among others.





Arquitectura Civil



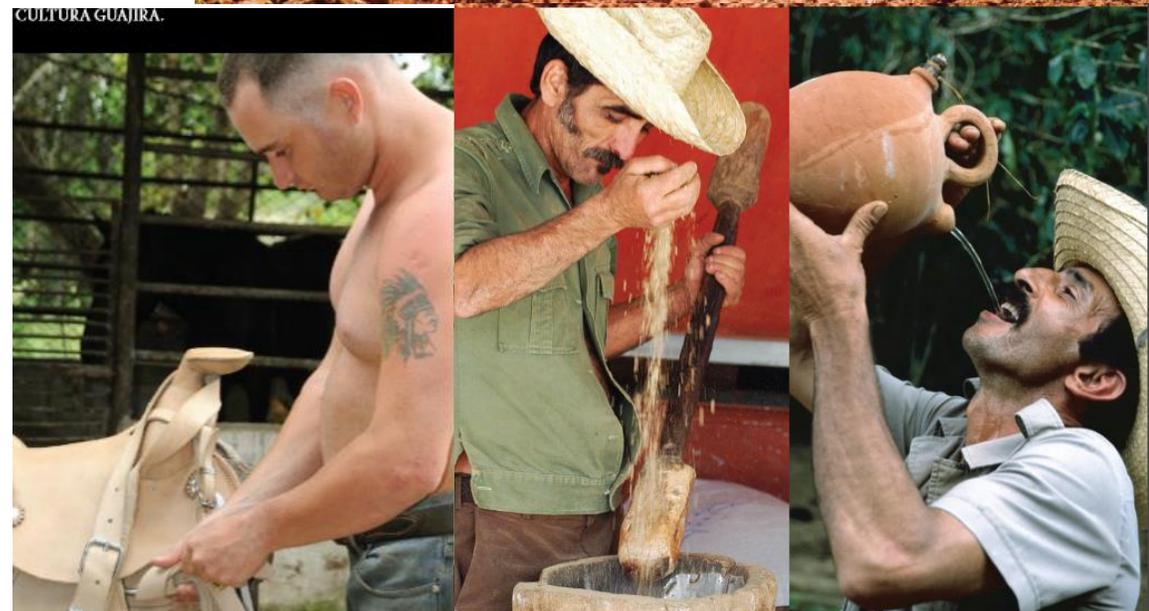
Arquitectura Doméstica



Arquitectura Religiosa



Arquitectura Vernácula



Patrimonio Intangible



San Juan de los Remedios

- Founded in 1544, by Vasco Porcallo de Figueroa in a flat and country central area .
- Very religious and conservative population.
- Unpaved streets and sidewalks with stone slabs.
- Simple constructions, most of a single level.
- Many areas of green areas.
- Urban plot in concentric rings and 4 exits.
- **Las Parrandas de Remedios** are intangible heritage of the Cuban nation today. They have a community, participatory, passionate sense on the fiction and reality border, of committed loyalties, which is what gives them a genuinely popular look.



Arquitectura Religiosa



437.
IGLESIA DE NUESTRA SEÑORA DEL BUEN VIAJE.



Arquitectura Doméstica



Patrimonio Intangible

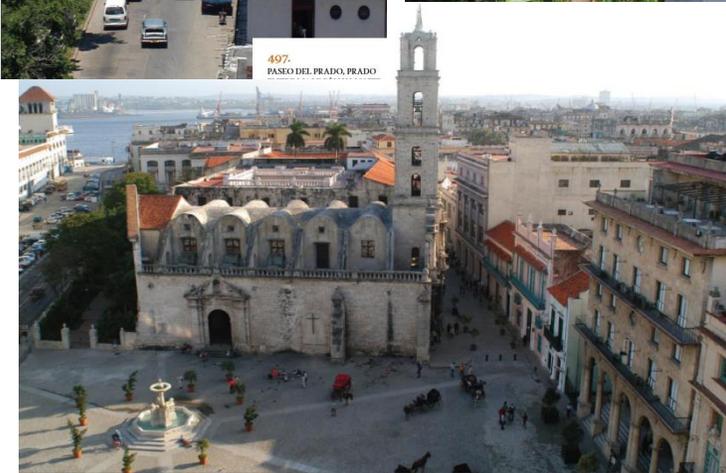
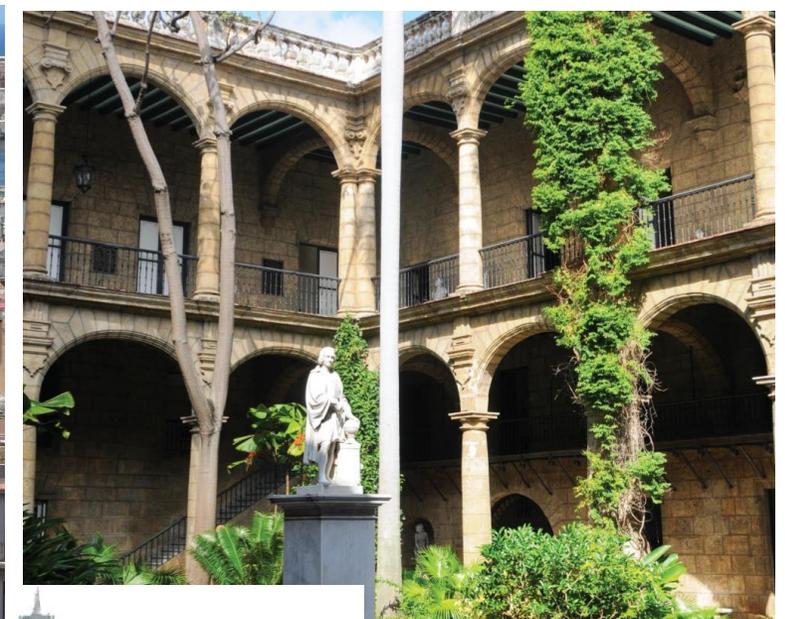


Arquitectura Civil



San Cristóbal de *La Habana*

- Founded in 1519, considered a seafaring city, it ends in a seawall that borders the stock exchange bay and narrow entrance channel.
- Capital of the Island of Cuba located in the west of the country.
- It has an extensive built heritage where churches and fortifications stand out.
- Compact and monumental plot
In 1982, UNESCO declared Old Havana and its fortification system a World Heritage Site.
- City and buildings of regular trace
- The life of the Cuban , heart in hand, finds in its squares and streets its field of reference, participation, exchange, vital flow and reflection, search for a human warmth without which existence is not possible, then becomes intangible heritage and also cuban symbol .





Arquitectura Civil



Arquitectura Militar



Arquitectura religiosa

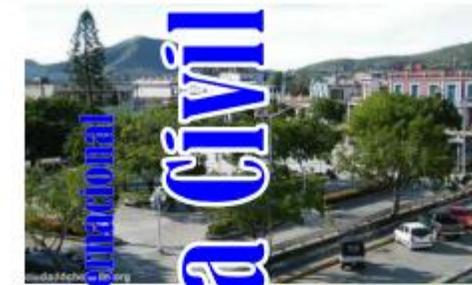


ente barroco
Cuba.





Arquitectura doméstica



VI Jornada Internacional de Ingeniería Civil

Holguín es una "aldea con ínfulas de ciudad", "provincia del universo", capital del nororiente cubano, conocida como "la ciudad de los parques". Tres ciudades cubanas la superan en cantidad de población, varias en antigüedad, otras en riqueza monumental: ninguna en las virtudes creativas de sus pobladores: las holguineras y los holguineros, con su sentido de identidad, orgullo por su ciudad, dinamismo, amabilidad, alegría de vivir y vocación emprendedora.

La ciudad de Holguín en homenaje al 300 aniversario de la fundación del pueblo le invita a participar en la:

**VI Jornada Internacional de Ingeniería Civil. Holguín. Guardalavaca
Noviembre 20 al 23 de 2019**

La reunión será un encuentro de expertos, investigadores, profesionales y estudiantes, el marco idóneo para el intercambio, la reflexión y la difusión del conocimiento como respuesta a los retos que impone el desarrollo de la sociedad en siglo XXI y con el fin de contribuir a que las ciudades y los asentamientos humanos sean inclusivos, seguros, resilientes y sostenibles

Nos sentiremos complacidos, si todos ustedes difundieran nuestro evento entre amigos y colegas que los acompañan en su labor. Estaremos agradecidos con su presencia en la ciudad de Holguín

Agencia de Viajes Receptiva: HAVANATUR
Datos de contacto: Teléfonos 53-72047412, 72019757
Sitio web: <http://www.havatur.cu>

UNAICC
Unión Nacional de Arquitectos e Ingenieros de la Construcción de Cuba



La Ingeniería Civil frente a los Retos del Desarrollo Sostenible



VI Jornada de Ingeniería Civil

Temáticas del evento:

- La Ingeniería civil frente a los desafíos del cambio climático
- Servicios ingenieros de diseño, conservación y valuación de activos
- Las tecnologías de la informática y las comunicaciones en la ingeniería civil
- La formación ingenieril frente a los objetivos del desarrollo sostenible

Fechas Importantes para la Presentación de los Trabajos:

Resumen: 15 de septiembre de 2019. (Máximo 300 palabras, en Arial Narrow 10 pts cursiva).

Notificación de aceptación de los trabajos: 30 de septiembre de 2019.

Presentación de los Trabajos: 15 de octubre de 2019.

En PDF con una extensión máxima de 8 páginas (Arial Narrow 12 pts.) interlineado sencillo, espaciado posterior 6 pts entre párrafos, justificación plena, hoja tamaño carta y márgenes de 2.5 cm. (superior, inferior, izquierdo y derecho), encuadernación de 0.5 cm. El trabajo debe estructurarse de la forma siguiente:

Introducción
Objetivos
Materiales y métodos
Resultados
Conclusiones
Referencias o Bibliografía
Anexos

UNAICC
Unión Nacional de Arquitectos e Ingenieros de la Construcción de Cuba

Sociedad de Ingeniería Civil

VI JIC 2019
Idiomas oficiales del evento,
Español e Inglés



Comité organizador:

Junta Directiva Provincial UNAICC de HOLGUÍN y SIC NACIONAL.

- MsC. Kyra Bueno Risco. Presidenta del Comité Organizador y de la SIC nacional.
- Arq. Emma Rodríguez Rodríguez. Presidenta UNAICC Holguín.
- MsC. Yohandra Mejías Leyva. Comisión de documentación.
- Ing. Yunia Fernández Cruz. Miembro.
- Ing. Alicia Chang Velázquez. Comisión de patrocinio.
- DraC. María Urbina Reynaldo. Comisión de relaciones internacionales.
- Ing. Carlos M Díaz Matos. MsC. Raúl Figueredo Reyes. Comisión comunicación y visibilidad.

Ing. Judit Méndez Domínguez. Coordinadora general.
Teléfonos: 24-421992
E-Mail: judit.mendez@ovholguin.intermar.cu,
presidencia@hlg.unaicc.cu
Sitio WEB: www.jic2019.cu

Cuotas de Inscripción:

Participantes: 250 CUC.
Acompañantes: 150 CUC.
Estudiantes: 120 CUC.

Opción de Patrocinio: Usted puede convertirse en Patrocinador de este importante evento científico técnico.

La Ingeniería Civil frente a los Retos del Desarrollo Sostenible

VI JORNADA INTERNACIONAL DE INGENIERA CIVIL 2019
ÁREA TURÍSTICA GUARDALAVACA, HOLGUÍN, 20-23 DE NOVIEMBRE
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