

1st International Conference on Geospatial Information Sciences

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iGISc 2019 CONFERENCE PROGRAM

October 22
Tuesday

09:30 - 10:00	Registration	CNNIT's main hall
10:00 - 10:30	Opening Ceremony	CNNIT's main auditorium
10:30 - 11:00	Coffee Break	
11:00 - 12:30	GeoINT Relaunch	
12:30 - 14:00	Workshop I	Timothy A. Warner How to write and publish your remote sensing paper Workshop Room
14:00 - 15:00	Lunch	Botanic Garden
15:00 - 18:00	Workshop II	Edwyn Aldana Introduction to Neural Networks and Deep Learning A Workshop Room
20:00 - 22:00	Ice Breaker	Dinner at Hacienda Xcanatún Calle 20 S/N x 19 y 19A Comisaría Xcanatún, 97302 Mérida, Yuc. Phone: 999 930 2140



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October 23
Wednesday

09:30 - 10:00	Registration	CNNIT's main hall
10:00 - 11:30	Conference	Timothy A. Warner Time: remote sensing's fourth dimension CNNIT's main auditorium
11:30 - 12:00	Coffee Break	CentroGeo Yucatán
Oral Session I		GEOVISUALIZATION AND SPATIAL ANALYSIS Room 4 Chair: Rodrigo Tapia McClung
12:00 - 12:20	OS101	Geostatistical integration to improve representativeness of satellite precipitation estimates and field measurements Felipe Omar Tapia Silva
12:20 - 12:40	OS102	S3E2: a web-based GIS for the visualization and analysis of socioeconomic segregation in Chile's elementary education system Julio Rojas Mora, Ignacio Lincolao Venegas and Felipe Scheeberger León
12:40 - 13:00	OS103	Potential distribution of clandestine graves in Guerrero using geospatial analysis and modelling José Luis Silván Cárdenas, Ana Josseline Alegre Mondragon and Karime González Zuccolotto
13:00 - 13:20	OS104	Control points based on network analysis for hot spots by qualified theft, City of Aguascalientes Jonathan Rivera-Zambrano and Victor Galván
13:30 - 15:00	Lunch	Botanic Garden



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Oral Session II		GEOINTELLIGENCE Room 4 Chair: Hugo Carlos Martínez
15:00 - 15:20	OS201	Georeference Assignment of Named Entities based on Context Shanel Reyes-Palacios, Edwin Aldana-Bobadilla, Alejandro Molina-Villegas and Iván López-Arévalo
15:20 - 15:40	OS202	A Vector Semantics Approach to the Geoparsing Disambiguation Task for Texts in Spanish Filomeno Alcántara, Víctor Muñiz and Alejandro Molina
16:00 - 19:00	Workshop III	Edwyn Aldana Introduction to Neural Networks and Deep Learning B Workshop Room

October 24
Thursday

09:30 - 10:00	Registration	CNNIT's main hall
10:00 - 11:30	Conference	Robert Gilmore Pontius Jr. Uses, abuses, and improvements of metrics that measure error and change CNNIT's main auditorium
11:30 - 12:00	Coffee Break	CentroGeo Yucatán
Oral Session III		REMOTE SENSING AND NATURAL RESOURCES Room 4 Chair: Karla Rodríguez Robayo
12:00 - 12:20	OS301	Remote sensing and assessment of coral reef coverage at Archipiélago Espíritu Santo National Park, BCS. Jaquelin Guadalupe Ramos García, David Petatán Ramírez, Héctor Reyes Bonilla and Hugo Luna Soria



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12:20 - 12:40	OS302	Space-Temporal Study in the Protected Natural Area of Xochimilco Lake with Remote Sensing in the Period 1987-2016 Damián Zamora Rivas
12:40 - 13:00	OS303	Open Data Cube for Studying of Natural Resources in Mexico José Luis Ornelas De Anda, Juan Carlos Camacho Pérez and Hugo Alfredo Sánchez Miranda
13:00 - 13:20	OS304	Possibilities of milpa identification in Yucatan through remote sensing techniques and Sentinel-2 data Juan Carlos Valdiviezo Navarro, Adan Salazar Garibay, Karla Juliana Rodríguez Robayo, Lilián Juárez, María Elena Méndez López and Alejandro Téllez Quiñones
13:30 - 15:00	Lunch	Botanic Garden
15:00 - 16:00	Oral Session IV	REMOTE SENSING APPLICATIONS Room 4 Chair: Juan Carlos Valdiviezo
15:00 - 15:20	OS401	Protocol for the Photogrammetric Survey of Buildings using Unmanned Aerial Vehicles José Roberto Hernández Castro
15:20 - 15:40	OS402	Automatic Modelling of Land Use Suitability Using Deep Feedforward Networks with Leon and Silao, Guanajuato Region Data Rodrigo Lopez Farias, Juan Antonio Pichardo Corpus and Raúl A. Aguilar Vilchis
16:00 - 16:30	Coffee Break	CentroGeo Yucatán
16:00 - 18:00	Poster Session	CentroGeo Yucatán



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October 25
Friday

Oral Session V		REMOTE SENSING APPLICATIONS Room 4 Chair: Adán Salazar Garibay
10:00 - 10:20	OS501	A review on the color segmentation with emphasis on the point clouds Sergio Macías Medrano
10:20 - 10:40	OS502	Conceptual low-cost on-board high performance computing in CubeSat nanosatellites for pattern recognition in Earth's remote sensing J J Hernández Gómez, G A Yañez Casas, Alejandro M Torres Lara, C Couder Castañeda, M G Orozco del Castillo, J C Valdiviezo Navarro, I Medina, A Solís Santomé, D Vázquez Álvarez and P I Chávez López
10:40 - 11:00	OS503	Dictionary-Based Method for Fishing Gear Pattern Detection Ramón Aranda and Hugo Carlos
11:30 - 13:30	Workshop IV	Robert Gilmore Pontius Jr. Metrics that Make a Difference A Workshop Room
13:30 - 15:00	Lunch	Botanic Garden
15:00 - 17:00	Workshop IV	Robert Gilmore Pontius Jr. Metrics that Make a Difference B Workshop Room
17:00 - 17:30	Coffee Break	CentroGeo Yucatán
17:30 - 19:00	Closing Ceremony	CentroGeo Yucatán



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October 26
Saturday

09:00 - 14:00	Cultural Program	Gran Museo del Mundo Maya Calle 60 299 E, Unidad Revolución, 97110 Mérida, Yuc. Phone: 999 341 0435
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