

2022 Particles in the Americas Conference

Program

ID	Session	Day	Time	Presenter	Title
Coastal 1	1	Monday June 13th	10:30-10:45	Juan Camilo Restrepo	Altered sediment transport in river mouths - lessons of pitfalls of 100 years of human-engineered interventions (Magdalena River mouth, Colombia)
			10:45-11:00	Oscar G. Ospino Olivares	Short-term variability of suspended sediments properties in a convergence front of a highly stratified estuary
			11:00-11:15	Ana Clara Longo	Ebb deltas of the Negro River Estuary, Argentinean Patagonia
			11:15-11:30	Megan Williams	Contribution of infragravity bores to estuarine-marsh sediment exchange in a Chilean bar-built estuary
			11:30-11:45	Raúl Flores	Short-Term Turbidity Changes in a Highly Intervened Bar-Built Estuary in Central Chile
			11:45-12:00	Ariadna Franco	Interaction between hydrodynamics and morphology at the mouth of La Carbonera lagoon, Yucatán
Watershed 1	2	Tuesday June 14th	10:30-10:45	Eduardo Navarro	Impacts of Climate Change on Hydrology and Sediment Yield in the Upper Rio Maipo Basin - Central Chile
			10:45-11:00	Eberval Marchioro	Morphological and morphometrical analysis: a case study on the Vitória Metropolitan Area (ES/Brazil)
			11:00-11:15	Francisco de Paula Dela Costa	Effects of Climate Change on Suspended Sediments Discharge at the Doce River Basin in the Near Future
			11:15-11:30	Jacopo Composta	Influence of Vegetation And Flood Regimes on Deltaic Floodplain Deposition
			11:30-11:45	Fernando Figueroa	Multiple Regression Analysis for the Prediction of Annual Specific Sediment Yield In Chilean Andean Watershed:
			11:45-12:00	Kithner Espinoza Varillas	Characterization of Erosion And Sediment Transport during El Niño Extreme Events in the Catamayo-Chira Basin, Using Hydrological Modeling
Methods 1	3	Tuesday June 14th	12:30-12:45	Rodrigo Mosquera	Near Bed Cohesive Sediment Dynamics In Montevideo Bay
			12:45-13:00	Francisco Pedocchi	A Model For Cohesive Sediment Flocc Acoustic Backscatter
			13:00-13:15	Fernanda Maciel	Particle Backscattering to Side-Scattering Ratio: Implications for Turbidity Remote Sensing
			13:15-13:30	Luis Fernando Murillo Bermúdez	Reuso de Datos de Turbidez de Estações de Tratamento de Água para Análises Hidrossedimentológicas. Estudo de Caso no Rio Jundiá, SP, Brasi
			13:30-13:45	Gloria I. López	Seeing the light in a Grain of Sand: Luminescence as a Sedimentological Proxy
			13:45-14:00	Ana Inés Heredia Ligorria	Cuantificación del Transporte de Sedimentos con Tecnología Hidroacústica en Ríos de la Provincia de Córdoba, Argentina
Methods 2	4	Wednesday June 15th	10:30-10:45	Deysser Sibaja Castillo	Textural Characterization of Superficial Sediments of the Magdalena River (Calamar, Bolívar)
			10:45-11:00	Gerardo M E Perillo	MISMOS: A Microscale Morphology System
			11:00-11:15	Justin Condon	Improving Stream Bank Erosion Estimates by Adjusting the Applied Shear Stress for Different Bank Characteristics
			11:15-11:30	Eberval Marchioro	Sediment dynamics along the longitudinal profile of a watershed in the Grande Vitória Metropolitan Region (ES/Brazil)
			11:30-11:45	Diana Violeta Díaz Llatas	Estimación de la producción de sedimento suspendido e identificación de las principales fuentes de sedimento en la cabecera de la cuenca del Amazona:
			11:45-12:00	Roman Canul Turriza	Sediment transport in the Huizache-Caimanero Lagoon System
Mix	5	Wednesday June 15th	12:30-12:45	Cheng-Chia Huang	Estimation of the Reservoir Desiltation Strategy
			12:45-13:00	Michael Sánchez	Determining Contemporary and Historical Sediment Sources in a Drainage Basin Impacted by Cumulative Effects: Poechos Reservoir, Peru
			13:00-13:15	Gary Ervin	Sediment and Nutrient Inputs Interact to Reduce Floristic Quality of Wetlands in Agricultural Landscapes
			13:15-13:30	Ana Carolina Torregroza	Hydrogeochemical and isotopic variability in the Magdalena River (Colombia): implications on primary productivity and potential global climate change
			13:30-13:45	Jorge Washington Laura Santos	Effectiveness of Peruvian high mountain agricultural terraces in reducing soil erosion
			13:45-14:00	Rocío Bianchi	Ciencia Abierta Y Su Impacto En La Política Pública: Avances En La Implementación Del Proyecto Masare
Coastal 2	6	Thursday June 16th	10:30-10:45	Alec Torres-Freyermuth	Assessing Beach Response At Different Spatial And Temporal Scales On A Sea Breeze Dominated Coast
			10:45-11:00	Estefany Villanueva	Sedimentological and morphological characterization of the bay of Cartagena
			11:00-11:15	Danna Anaya	Geomorphology, sea level rise and coastline evolution - An Morrosquillo Gulf (Colombia)
			11:15-11:30	Maria Antonela Toniolo	Efecto de las olas y mareas sobre los sedimentos finos en Los Pocitos, Bahía Anegada (Buenos Aires)
			11:30-11:45	Marieli Viitak	The Role of Oceanographic Forcing to Sediment Transport Processes in NW Iberia Continental Shelf
			11:45-12:00	Rafael Ramirez-Mendoza	Fine Sediment Dynamics in the Upper Gulf of California
			12:00-12:15	Anlly Melissa Guerrero Castillo	Incidence of hydrodynamics on the suspended sediment transport and the morphology of a microtidal dissipative intermediate beach

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Time	Monday, June 13th	Tuesday, June 14th	Wednesday, June 15th	Thursday, June 16th	Friday, June 17th
08:30-09:00	Welcome				
09:00-09:30					
09:30-10:00	Keynote 1: Alejandro Souza (PIA)	Keynote 2: Dennis Flanagan	Keynote 3: Cristian Escauriaza	Keynote 5: Duncan FitzGerald	Keynote 6: Juan Pablo Milana
10:00-10:30	Break	Break	Break	Break	Break
10:30-11:00	Technical Session 1 Coastal 1	Technical Session 2 Watershed 1	Technical Session 4 Methods 2	Technical Session 6 Coastal 2	Short course 1: Measuring suspended sediments
11:00-11:30					
11:30-12:00					
12:00-12:30	Break	Break	Break	Break	Break
12:30-13:00	Special Session 1: EWRI	Technical Session 3 Methods 1	Technical Session 5 Mix	Special Session 2: AIH	Short course 2: Remote Sensing
13:00-13:30					
13:30-14:00					
14:00-14:30			Break		
14:30-15:00					
15:00-15:30			Keynote 4: Susana Vinzon		