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Abstracts organized by topic.

Topic	Author	Title
Air-sea Interactions	Eduardo R. Palenque	Wind -wave interaction at low atmospheric pressure
	Paco Ocampo-Torres	On the deviation of the surface stress direction relative to mean wind and main wave directions
Dynamics of ocean waves	Alexander Babanin	Non-Dimensional Theory and Practice of Wind-Wave Evolution
Fluid mechanics of water waves	Alessandro Romano	Hydrodynamics of Post-Overtopping Flows on Vertical Breakwaters in Deep Water
	Marcelo V. Flamarion	Modeling Landslides within the Nonlinear Euler Equations
	Rodrigo Cienfuegos	Field Characterization of Nonlinear Infragravity Wave Kinematics and Transport in a Shallow Intermittently Open/Closed Estuary
	Karl Peter Burr	Reduced model equation for surface-gravity waves interaction with current and varying topography
Near-shore processes	Andrés F. Osorio	Multiscale Numerical Approaches for Evaluating the Dissipation of Waves energy through Coral Reefs and Mangrove Forests
	Juan Diego Torres Toro	Wave modelling scheme for evaluation of an hybrid reef for mitigation of coastal flooding
	Cesar Esparza	Effects of Frequency Spectral Bandwidth on Wave Overtopping under Shallow Foreshore Conditions
	Lizbeth Daniela Rosero Melo	Metodología de modelado numérico para la representación de Inundaciones Compuestas. Caso de estudio: Isla San Andrés
	Rodrigo Alonso	Development of Tools for Coastal Early Warning Systems: A Case Study of Piriápolis, Uruguay
	Sebastián Correa	Impact-based extreme-wave intensity scale for high-resolution coastal forecasting
Numerical modelling, spectral and phase-resolving	Peter McComb	A phase-resolving hybrid downscaling framework for multi-decadal swell and infragravity wave climate in ports, with an interactive delivery platform
	Cristian Cifuentes	Applications of the dualsphysics lagrangian code to coastal resilience phenomenon
	Frederic Dias	Assessing meteotsunami hazards driven by derechos in a changing climate

	Felipe Minuzzi	Modeling the Non-Linear Interaction of Ocean Waves Using a Deep Learning Approach
	Damyan Santander	On the role of infragravity waves in driving mixing in shallow inlet-lagoon systems
	José Galaz	Nonlinear Spectral Analysis of Multisoliton Fission and Dissipation in Boussinesq-type Numerical Simulations and Laboratory Experiments.
	Leandro Farina	Are Winds All We Need? Learning and Explaining Directional Wave Spectra
	Rodrigo Campos-Caba	Complementing operational wave models with machine learning for coastal wave downscaling along the chilean coast
	Víctor José Saavedra Mejía	Directional wave spectrum assimilation in the SWAN wave model for semi-enclosed domains
Observations and remote sensing	Nicolas Rascle	Observing currents and directional wave spectra from satellite optical sensors
	Maricarmen Guerra Paris	Wave observations and modeling in high-flow tidal channels
	Carlos Francisco Herrera Vázquez	Influence of Wave Conditions and Bragg Signal Variability on HF Radar–ADCP Current Comparisons
	Paula Gurruchaga	Assessing the operational applicability of video-based bathymetric inversion methods at a wave-dominated beach
Wave-coupled effects in the upper ocean	Jesus Portilla-Yandun	Exacerbation of Coastal Erosion along the Equatorial Pacific due to Oceanic Anomalies
	B. Ixetl Garcia Gomez	Wave–Current interaction effects on surface dynamics in the Gulf of Mexico
	Leandro Fernandez	Development of a one-way coupled wave forecasting model for the Mouth of the Columbia River
	Daniel R. Ramírez Cervera	Effects of Waves on the Hydrodynamics and Dispersion of a Passive Tracer: A Case Study from Bocas del Toro, Panama.
Wave Climate	Alvaro Semedo	COWCLIP project – the phase 3 ensemble
	Lucas Sellanes	Regional frequency analysis based on regions of influence (RFA-ROI) applied to coastal engineering projects
	Héctor García-Nava	Assessment of Wave Climate and Variability in the Mexican Pacific

	Javier Aguirre	“OLAS DEL FUTURO”: SISTEMA DE SOPORTE DE DECISIONES DE RIESGO COSTERO EN EL CONTEXTO DEL CAMBIO CLIMÁTICO
	Orietta Nicolis	Extreme Wave Regimes under Climate Change off Valparaíso, Chile: A Multimodel Assessment
Waves in ocean engineering	Francisco J. Sáez	CG-IMPACT: A Framework for Translating Wave-Climate Projections into Local Coastal Impacts in Chile
	Joaquín Pérez Mirianco	Wave Forecasting System for Uruguay