



New Advances in Nonlinear Waves, Solitons and Chaos

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2025)

Message from the Guest Editor

Dear Colleagues,

We invite you to submit your latest research work in the field of nonlinear wave investigation to this Special Issue, titled “New Advances in Nonlinear Waves, Solitons and Chaos”. Submissions may present but are not limited to, investigations into the appearance and propagation of solitary waves in nonlinear media described by partial differential equations or fractional functional differential equations. Featured equations can be integrable, almost integrable, or essentially non-integrable. Explicit or asymptotic solutions can be classical (e.g., soliton, smoothed shock wave, etc.) or generalized (e.g., shock wave, delta-shock wave, peakon, cuspon, etc.). The interaction of traveling waves can produce waves again or can induce chaotic solutions. Methodologies and results of numerical simulations are also welcome for submission.

Dr. Georgii A. Omel'yanov

Guest Editor





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Message from the Editor-in-Chief

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