

f) Books

1. M. Ungarish, *Hydrodynamics of Suspensions: Fundamentals of Centrifugal and Gravity Separation*, Springer-Verlag, 1993 (317 pages, 85 figures. Reviews in: (1) *Int. J. Multiphase Flow*, vol.20, p. 1169, 1994, by W. Schneider; (2) *J. Fluid Mech.*, vol. 290, pp. 406–408, 1995, by F. H. Bark).
2. M. Ungarish, *An Introduction to Gravity Currents and Intrusions*, CRC Press, Taylor and Francis Group (Boca Raton London New York), 2009 (489 pages. Reviews in: *J. Fluid Mech.*, vol. 649, pp. 537-539, 2010, by M. R. Flynn; and *Int. J. Multiphase Flow*, vol. 37, pp. 1254-1255, by T. Bonometti).
3. M. Ungarish, *Gravity currents and Intrusions - Analysis and Prediction*, World Scientific Publishing, (New Jersey London Singapore Tokyo), 2020 (786 pages).

g) Sections in Books

1. M. Ungarish, “On the Quasi-Geostrophic Drag on a Rising Sphere in a Rotating Fluid,” in *Computational Fluid Dynamics, Selected Topics*, edited by D. Leutloff and R.C. Scrivastava, pp. 197–202, Springer-Verlag, 1995.
2. M. Ungarish, “Recent Developments in the Analysis of Gravity and Centrifugal Separation of Non-Colloidal Suspensions and Unfolding Challenges in the Classic Mechanics of Fluids,” in *Flow of Particles in Suspensions - Lecture Notes*, edited by U. Schaflinger, Springer-Verlag, 1996.
3. M. Ungarish, “Gravity Currents and Intrusion,” in *Handbook of Environmental Fluid Dynamics*, Vol. 1., edited by H. J. S. Fernando, Taylor and Francis, 2013.
4. T. Agrawal, M. Ungarish and V. Chalama, “On the equivalence of top and bottom gravity currents in a linearly stratified channel — a review and extension of data processing and prediction theory” Chapter 6 in AGU 291 monograph “Particulate Gravity Currents,” edited by B. Kneller, E. Meiburg, B. Vowinkel, and Z. He, Wiley 2025, ISBN: 978-1-394-21671-0.

h) Book Reviews (published)

1. “Fundamentals of Engineering Numerical Analysis by P. Moin, Cambridge University Press,” in *Int. J. Multiphase Flow*, Vol. 28, 2002.