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### DESCRIPTION

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The *Journal of Structural Geology* publishes process-oriented investigations about **structural geology** using appropriate combinations of analog and digital field data, seismic reflection data, satellite-derived data, geometric analysis, kinematic analysis, laboratory experiments, computer visualizations, and analogue or numerical modelling on all scales. Contributions are encouraged to draw perspectives from **rheology, rock mechanics, geophysics, metamorphism, sedimentology, petroleum geology, economic geology, geodynamics, planetary geology, tectonics** and **neotectonics** to provide a more powerful understanding of deformation processes and systems. Given the visual nature of the discipline, supplementary materials that portray the data and analysis in 3-D or quasi 3-D manners, including the use of videos, and/or graphical abstracts can significantly strengthen the impact of contributions.

### AUDIENCE

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Structural and tectonic geologists.

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Burnham, C.W., 1970. The importance of volatile constituents. In: Yoder, H.S. (Ed.), *The Evolution of Igneous Rocks*. Princeton University Press, Princeton, 439-474.

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Kanagawa, K., 1996. Simulated pressure fringes, vorticity, and progressive deformation. In: De Paor, D.G. (Ed.), *Structural Geology and Personal Computers*. *Computer Methods in the Geosciences* 15, 259-283.

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Stipp, M., Stunitz, H., Heilbronner, R., Schmid, S., 2002. The eastern tonalite fault zone: a 'natural laboratory' for crystal plastic deformation of quartz over a temperature range from 250 to 700°C. *Journal of Structural Geology* 24, 1861-1884.

Rowe CD., Meneghini F., Moore JC., 1999. Fluid-rich damage zone of an ancient out-of sequence thrust, Kodiak Islands, Alaska. *Tectonics* 28, TC1006, <https://doi.org/10.1029/2007TC002126>.

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