

70 Prof. Changchun Yin



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Education

M.A. Geophysics, Jilin University, Jilin, China, 1987
Ph.D. Geophysics, Technische Universität Carolo-Wilhelmina zu Braunschweig, Braunschweig, Germany, 1999

Work Experience

Associate Professor, Jilin University, 1992
Senior Research Fellow, FUGRO, 2000-2010
Professor, Jilin University, 2010-present

Research Interests

Airborne electromagnetic and Marine geophysical electromagnetic system design theory and method, positive inversion technology research

Membership

International institute of geophysics, European geophysical and engineering society, the American geophysical union, Canada geophysical union members, at the same time he is international mineral and geothermal resources professional committee

Major Publications

- Liu, Y., Yin, C. C., Cai, J., 3D anisotropic inversion for frequency-domain airborne EM data. *SEG Technical Program Expanded*. 2014:78-82.
- Yin, C. C., Qi, Y., Liu, Y., et al. Trans-dimensional Bayesian inversion of frequency-domain airborne EM data. *Chinese Journal of Geophysics- Chinese Edition*, 2014, 57(9).
- Liu, Y., Yin, C. C., Weng, A., et al. Effect of observation parameters on 3D controlled-source electromagnetic inversion. *Near-Surface Asia Pacific Conference, Waikoloa, Hawaii*, 7-10 July. 2015.
- Yin, C. C., Ren, X. Y., Liu, Y. H., et al. Review on airborne electromagnetic inverse theory and applications. *Geophysics*, 2015, 80(4):W17-W31.
- Yin, C. C., Qi, Y., Liu, Y. 3D time-domain airborne EM modeling for an arbitrarily anisotropic earth. *Journal of Applied Geophysics*, 2016, 131:163-178.
- Zhang, B., Yin, C. C., Liu, Y. H., et al. 3D modeling on topographic effect for frequency-/time-domain airborne EM systems. *Chinese Journal of Geophysics- Chinese Edition*, 2016, 59(4):1506-1520.