

陈文进

简历

男，汉，1987年2月生，湖北黄梅，博士，讲师，硕导。

教育及工作经历：

2018.08-至今 南京工业大学，测绘科学与技术学院，讲师

2013.09-2017.12 武汉大学，大地测量学与测量工程，博士

其中：2015.09-2017.09 受国家留学基金委资助公派赴意大利 Università Degli Studi Di Trieste 博士联合培养

2015.07-2015.08 北京语言大学，国家公派小语种培训，意大利语

2011.09-2013.07 武汉大学，大地测量学与测量工程，硕士

2007.09-2011.07 东华理工大学，测绘工程，本科

研究方向：

卫星大地测量学、物理大地测量学、人工智能等

主要科研经历、成果

- 1、国家自然科学基金青年基金，41904002，联合多源数据反演全球及区域 Moho 面深度，2020.01.01-2022.12.31，26万（主持）
- 2、江苏省自然科学基金青年基金，BK20190691，Moho 面深度反演的关键技术与方法，2019.07.01-2022.06.30，20万（主持）

代表性学术论文和著作

1. 陈文进[著]，重力反演莫霍面的理论与方法. 武汉：中国地质大学出版社，2020.
2. 陈文进 (2020). 基于卫星重力场模型反演全球及区域 Moho 面深度[J]. *测绘学报*, 49(4): 536 (EI)
3. Chen, W., & Tenzer, R. (2020). Reformulation of Parker–Oldenburg's method for Earth's spherical approximation. *Geophysical Journal International*, 222(2), 1046-1073. (SCI)
4. Chen, W., & Tenzer, R. (2019). The application of a gravimetric forward modelling of the lithospheric structure for an estimate of the average density of the upper asthenosphere. *Geodesy and Geodynamics*, 10(4), 265-275.
5. Chen, W., Braitenberg, C., & Serpelloni, E. (2018). Interference of tectonic signals in subsurface hydrologic monitoring through gravity and GPS due to mountain building. *Global and Planetary Change*, 167, 148-159. (SCI)
6. Chen, W., Tenzer, R., Li, H.L. (2018). A regional gravimetric Moho recovery under Tibet using gravitational potential data from a satellite global model. *Studia Geophysica et Geodaetica*, DOI: 10.1007/s11200-017-0812-5 (SCI)
7. Chen, W. (2017). Determination of crustal thickness under Tibet from gravity-gradient data.

- Journal of Asian Earth Sciences*, (143), 315-325. (SCI)
8. **Chen, W.**, & Tenzer, R. (2017). Moho Modeling Using FFT Technique. *Pure and Applied Geophysics*, 4(174), 1743-1757. DOI: 10.1007/s00024-017-1503-4 (SCI)
 9. **Chen, W.**, & Tenzer, R. (2017). Moho modelling in spatial domain: a case study under Tibet. *Advances in Space Research*, 12(59), 2855-2869. DOI: 10.1016/j.asr.2017.03.015 (SCI)
 10. **Chen, W.**, Tenzer, R., Gu, X. (2014). Sediment Stripping Correction to Marine Gravity Data. *Marine Geodesy*, 37 (4), pp. 419-439. DOI: 10.1080/01490419.2014.932870 (SCI)
 11. **Chen, W.**, & Tenzer, R. (2014). Harmonic coefficients of the Earth's Spectral Crustal Model 180 - ESCM180. *Earth Science Informatics*, pp. 1-13. DOI: 10.1007/s12145-014-0155-5 (SCI)
 12. R. Tenzer and **Chen, W.** (2019) Mantle and sub-lithosphere mantle gravity maps from the LITHO1.0 global lithospheric model, *Earth-Science Reviews*, <https://doi.org/10.1016/j.earscirev.2019.05.001> (SCI)
 13. Tenzer, R., **Chen, W.**, Baranov, A. and Bagherbandi, M (2018) Gravity maps of Antarctic lithospheric structure from remote-sensing and seismic data. *Pure and Applied Geophysics*, (SCI)
 14. Tenzer, R., **Chen, W.**, Tsoulis, D., Bagherbandi, M., Sjöberg, L.E., Novák, P., Jin, S. Analysis of the Refined CRUST1.0 Crustal Model and its Gravity Field (2015) *Surveys in Geophysics*, 36 (1), pp. 139-165. DOI: 10.1007/s10712-014-9299-6 (SCI)
 15. Tenzer, R., **Chen, W.**, Jin, S. Effect of Upper Mantle Density Structure on Moho Geometry (2015) *Pure and Applied Geophysics*, 172 (6), pp. 1563-1583. DOI: 10.1007/s00024-014-0960-2 (SCI)
 16. Tenzer, R., **Chen, W.**, Ye, Z. Empirical model of the gravitational field generated by the oceanic lithosphere(2015) *Advances in Space Research*, 55 (1), pp. 72-82. DOI: 10.1016/j.asr.2014.09.023 (SCI)
 17. Tenzer, R., **Chen, W.** Expressions for the Global Gravimetric Moho Modeling in Spectral Domain (2014) *Pure and Applied Geophysics*, 171 (8), pp. 1877-1896. DOI: 10.1007/s00024-013-0740-4 (SCI)
 18. Tenzer, R., **Chen, W.** Regional gravity inversion of crustal thickness beneath the Tibetan plateau (2014) *Earth Science Informatics*, 7 (4), pp. 265-276. DOI: 10.1007/s12145-014-0146-6 (SCI)
 19. Tenzer, R., Bagherbandi, M., **Chen, W.**, Sjöberg, L. E. Global Isostatic Gravity Maps From Satellite Missions and Their Applications in the Lithospheric Structure Studies(2016) *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*. DOI: 10.1109/JSTARS.2016.2556219. (SCI)
 20. Bin Wang, Chao Liu, Xing Fang, **Wenjin Chen** (2020) A universally efficient algorithm and precision assessment for seamless 3D similarity transformation. *Measurement Science and Technology* (SCI)

21. Tenzer, R., ***Chen, W.*** Gravimetric forward and inverse modelling methods of the crustal density structures and the crust-mantle interface (2015) Planetary Exploration and Science: Recent Results and Advances, pp. 61-75. DOI: 10.1007/978-3-662-45052-9_4
22. Tenzer R, ***Chen W*** (2014) Global gravimetric recovery of the Moho density contrast. In: Conference Proceedings (Ed.: Pandian MS): 3rd Annual International Conference on Geological & Earth Sciences (GEOS 2014), Global Science and Technology Forum. DOI:10.5176/2251-3353_GEOS14.21
23. Tenzer, R., ***Chen, W.*** Generalized compensation model for the gravimetric Moho recovery (2014) Proceedings of the 16th International Association for Mathematical Geosciences - Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies, IAMG 2014, pp. 351-353.

教学情况

《大地测量学基础》、《空间大地测量学》、《测量程序设计》等

招生及领域及方向

大地测量学与测量工程

联系方式

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