

## SHORT BIO

Following a B.Sc. degree in Mathematics and Applied Mathematics at Nanjing University of Information Science and Technology (NUIST, 2009-2013), China, I turned to the research of Space Weather and focus on magnetic field modelling, led by Prof. Yong Jiang, at NUIST, China (2013-2020).

After taking three years to get S.M degree in Space Weather at Nanjing (2013-2016), I got a PhD. Joint Training Program at University of Liverpool (UK, 2016-2019), worked with Professor Richard Holme. Train in the methods of global magnetic field modeling and the use of satellite geomagnetic data, especially for issues related to long-term changes in lithosphere and geomagnetic fields. Research on geomagnetic crustal field based on SWARM satellite data and Chinese aeromagnetic data.

In 2020, I got Ph.D degree in NUIST and the next year, I was offered a position as research assistant at Macau University of Science and Technology (China).

From 2022, I accepted a post-doctoral position at the State Key Laboratory in Macao (China), affiliated with the Chinese Space Admin. and I have been researching Martian lithosphere magnetic field. I also joined the ongoing Macau Science Satellite project.

## Post Doctoral.

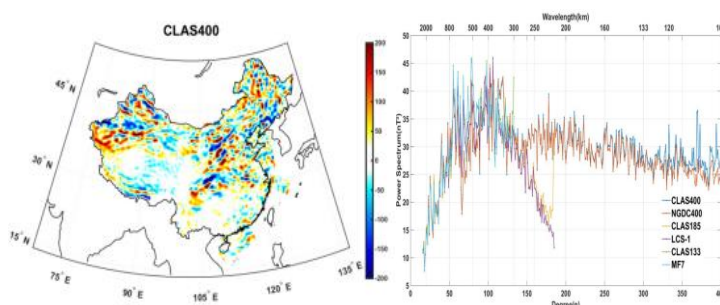
YI  
JIANG



PhD: SPACE WEATHER (GEOMAGNETIC FIELD)  
Nanjing University of Information Science and Technology (NUIST)

Masters: SPACE WEATHER (GEOMAGNETIC FIELD)  
Nanjing University of Information Science and Technology (NUIST)

Degree: MATHEMATICS AND APPLIED MATHEMATICS  
Nanjing University of Information Science and Technology (NUIST)



CLAS400 Model- Yi Jiang et al., 2020

## KEY PUBLICATIONS

**Yi Jiang, Richard Holme, Sheng-Qing Xiong, Yong Jiang, Yan Feng, Hai Yang. (2021). Long-wavelength lithospheric magnetic field of China. *Geophysical Journal International*, 224(3): 1780-1792.**

**Yi Jiang, Richard Holme, Yong Jiang. Investigation of the content of Swarm data and CHAOS-6 towards crustal magnetic field studies in China. *Applied Geophysics*.**

**Yong Jiang, Yi Jiang, Yan Feng, et al. Regional geomagnetic modelling based on the magnetic data of CHAMP satellite and 3D Taylor polynomial. *Chinese J. Geophys. (in Chinese)*. 58(9): 3121-3132.**

**Yi Jiang, Yong Jiang, Yan Feng, et al. Temporal-spatial analyses of the geomagnetic field in China based on IGRF 12. *World Journal of Modelling and Simulation*, 11(4): 282-290.**

## PROFESSIONAL EXPERIENCE

**2021 – ongoing – Macau University of Science and Technology, Macao (China) – Post Doctoral.**

**2020 – 2021 – Macau University of Science and Technology, Macao (China) – Res. Asst.**

**2019 – 2020 – Nanjing University of Information Science and Technology(NUIST), Nanjing, Jiangsu(China)–T.A.**

**2018 – 2019 – University of Liverpool, Liverpool (UK) – Joint PhD.**

**2016 – 2017 – University of Liverpool, Liverpool (UK) – Hon. Res. Asst.**

## GRANTS

**CSC Project – 2018-2019 - China Scholarship Council(No. 201708320317), PhD. Joint Training Program**