

CURRICULUM VITAE

Personal Information

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Work Experience

- 2016-2017 Associate professor Department of Geomatics Engineering, Engineering Faculty, Bulent Ecevit University, Turkey.
- 2015-2016 Associate professor School of Geomatics and Land Information Engineering, Henan Polytechnic University, Jiaozuo, China.

Education

- 2010-2014 Ph.D., Remote Sensing Mechanism and Method, Henan Polytechnic University, Jiaozuo, China.
- 2008-2010, M.E., Photogrammetry and Remote Sensing, Henan Polytechnic University, Jiaozuo, China.
- 2004-2008, B.E., Surveying and Mapping Engineering, Henan University of Urban Construction, Pingdingshan, China.

Mainly teaching major course

- “Principle and Application of Remote Sensing”

Hosted projects

1. **Project Name:** Change Characteristics of Glacier Morphological Parameters using Long Time-series Remote Sensing Method on Eastern Tianshan Mountains. **Funded by:** National Science Foundation of China. **Project Number:** 41601364. **Execution time:** 2016-2019.
2. **Project Name:** Development of Multiband and Complete Polarization SAR Image Classification System. **Funded by:** Science and Technology Department of Henan Province. **Project Number:** 2017GX269. **Execution time:** 2017-2019.
3. **Project Name:** Long Time-series Remote Sensing Monitoring on Bogeda Glaciers Changes from 1962 to 2014. **Funded by:** PhD Foundation of Henan Polytechnic University. **Project Number:** B2016-11. **Execution time:** 2016-2020.

Participated projects

1. **Project Name:** Technology to obtain and process holographic three-dimensional data in underground space. **Funded by:** National key R & D program. **Project Number:** SQ2016YFZG01037. **Execution time:** 2016-2020.
2. **Project Name:** Mapping system development on Mini SAR (Synthetic Aperture Radar) integrated with UAV (Unmanned Aerial Vehicle). **Funded by:** Commonweal special fund of geomatics and geographic information. **Project Number:** 201412020. **Execution time:** 2014-2016.
3. **Project Name:** Basic early warning and co-processing research on hazard and environmental information of coal mining area. **Funded by:** National key basic research and development program (973 program). **Project Number:** 2009CB226107. **Execution time:** 2009-2011.
4. **Project Name:** Construction of surveying system up and down coal mine in Shenhua coal mine area, **Funded by:** enterprise project in Henan province. **Project Number:** 410115. **Execution time:** 2011-2012.

5. **Project Name:** Associated investigation in Central Asia on environmental protection and resource management under conditions of climate change. **Funded by:** International cooperation projects from Ministry of Science Technology. **Project Number:** 2010DFA92720. **Execution time:** 2010-2014.
6. **Project Name:** Scientific database construction of key issues on Central Asia resources and environment, **Funded by:** Chinese Academy of Sciences focus on the deployment project. **Project Number:** KZZD-EW-08-02-02. **Execution time:** 2012-2015.
7. **Project Name:** Tianshan inhomogeneous underlying surface water equivalent passive microwave remote sensing research, **Funded by:** National Science Foundation of China. **Project Number:** 41371419, participants. **Execution time:** 2015-2017.
8. **Project Name:** Under conditions of climate change in Central alpine lakes changes in spatial pattern and process, **Funded by:** National Science Foundation of China. **Project Number:** 41101041. **Execution time:** 2011-2014.

Articles in English

1. **Weibing Du**, "Mapping changes in the glaciers of the eastern Tianshan Mountains during 1977~2013 using multitemporal remote sensing", Journal of Applied Remote Sensing. 2014, Vol. 8, No. 1, pp: 689-697. SCI Included.
2. **Weibing Du**, "Information Extraction Method of Alpine Glaciers with Multitempora and Multiangle Remote Sensing". Acta Geodaetica et Cartographica Sinica, 2015, Vol. 44, No. 1, pp: 59-66. EI Included.
3. **Weibing Du**, "Road Extraction Based on Roughness Index and Echo Intensity of Airborne LiDAR", Journal of Geomatics Science and Technology, 2013, Vol. 30, No.1, pp: 63-67. CSCD Included.
4. **Weibing Du**, "Research on the forecast method of water inrush in minebased on AHP", 2011 International Conference on Computer Science and Service System (CSSS 2011), pp: 688-690, 27-29 Jun. 2011. EI Included.
5. **Weibing Du**, "Research on the SVM classification of active and passive remote sensing data based on the feature per-parcel", 2nd International Conference on Civil, Architectural and Hydraulic Engineering (ICCAHE2013), pp: 3001-3006, 27-28 Jul. 2013. EI Included.
6. **Weibing Du**, "Research on The Pile -like Object Extraction Model in Mine Area Based on Multisource Remote Sensing Information", Proceedings of the Third International Symposium on Electronic Commerce and Security Workshops (ISECS2010), pp: 160-164, 29-31 Jul. 2010. ISTP Included

Research Interests

My current research area is focused on the Remote Sensing Applications. Specific interests includes:

1. Typical feature extraction in mine area using remote sensing method;
2. Glacier Monitoring using remote sensing method.