

个人简况

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主要学习和工作经历

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主要研究方向

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学术兼职

- ISPRS Journal of Photogrammetry and Remote Sensing European Journal of Remote Sensing
- IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing (JSTARS)
- International Journal of Remote Sensing (IJRS) Earth Science Informatics IET image processing

学术荣誉

- 2013
- 2014
- 2015

近五年主持/主要参与的科研项目

- A D A A / 影
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- A A A ; ; 作 / ; 养 / ; 养 / ;
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- A A A A ; ; 作 / ; 男 / ; 析
- A A A A / ; 作 / ; 放 ; ; 影 / ; 影 ;
- A G A A G ; 影 ; 作 / ; 害 / ; 影 / ;
- A A ; / ; / ;
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近五年发表/录用的论文

- Sun Weiwei, Zhang Liangpei, et al. A sparse self-representation method for band selection in hyperspectral imagery classification[C].Proceedings of 2015 7th Workshop on IEEE Hyperspectral Image and Signal Processing (WHISPERS), pp.1-4, 2015.

- **Weiwei Sun**, Liangpei Zhang, Bo Du, Weiyue Li and Yenming Mark Lai. A Sparse Subspace Clustering based Band Selection Method for Hyperspectral Imagery Classification[J]. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015 (**男**; **SCI**).
- **Weiwei Sun**, Bo Du, Weiyue Li and Yenming Mark Lai. Band Selection using Sparse Nonnegative Matrix Factorization with Thresholded Earth's Mover Distance for Hyperspectral Imagery Classification[J]. Earth Science Informatics, pp 1-12,2015 (**SCI**).
- **Sun Weiwei**, Halevy Avner, Benedetto John J, Czaja Wojciech, Li weiyue, Liu Chun, Shi Beiqi, Wang Rongrong. Nonlinear Dimensionality Reduction via the ENH-LTSA Method for Hyperspectral Image Classification [J]. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 7(2), pp.375-388, 2014 (**SCI**).
- **Sun Weiwei**, Avener Halevy, W. Czaja, J. J. Benedetto, C Liu, B Shi and W. Li. UL-Isomap based Nonlinear Dimensionality Reduction for Classification of Hyperspectral Imagery[J]. ISPRS Journal of Photogrammetry and Remote Sensing, 89, pp.25-36, 2014(**SCI**).
- **Weiwei. Sun**, C. Liu, Y. M. Lai, B. Shi and W. Li. Low-Rank and Sparse Matrix Decomposition based Anomaly Detection for Hyperspectral Imagery [J]. Journal of Applied Remote Sensing, 2014(**SCI**).
- **Weiwei Sun**, C. Liu. Manifold coordinates repairing of Boundary points with PLS for Isomap dimensionality reduction of Hyperspectral image [C].Proceeding of International Workshop on Multi-platform Multi-sensor Remote Sensing and Mapping, Xiamen, China, 10-12 Jan, 2011, pp.1-6(**EI**).
- **Weiwei Sun**, Chun liu and Hangbin Wu. Accuracy Evaluation and Gross Error Detection in Digital Elevation Models Based On LIDAR Data[C], Proceedings of 8th International Symposium On spatial Accuracy Assessment in Natural Resources and Environmental Sciences, Shanghai, June 25-27,2008, pp.127-133 (**ISTP**).
- Hangbin Wu, Chun Liu, Yunling Zhang, **Weiwei Sun**, Weiyue Li. Water feature extraction model by integrating aerial images and LiDAR Point Clouds. International Journal of Remote Sensing, 2013 (**SCI**).
- Chun Liu, Weiyueli, Hangbin Wu, Ping Lu, Kai Sang, **Weiwei Sun**, Ron. Li. Susceptibility evaluation and mapping of China's landslides based on multi-source data, Natural Hazards, 2013(**SCI**).
- **Sun Weiwei**, Liu C, Shi B, et al. Improved L-Isomap for classification of hyperspectral imagery via vector quantization[C].Proceedings of 2012 4th Workshop on IEEE Hyperspectral Image and Signal Processing (WHISPERS), pp.1-4, 2012.
- Shi Beiqi; Liu Chun; **Weiwei Sun**; Wu HangBin. Residential Area Recognition using Oscillatory correlation segmentation of Hyperspectral Imagery. 2011 International Symposium on Image and Data Fusion (ISIDF 2011), Tengchong, Yunnan, China, pp. 1-4, 2011(**EI**).
- Liu., C, **Weiwei Sun** and Hangbin Wu. Determination of complexity factor and its relationship with accuracy of representation for DEM terrain[J]. Geo-Spatial Information Science, 2010, 13(4): 249-256.
- Hangbin Wu, Chun Liu ,Yunling Zhang, **Weiwei Sun**. Water Feature Extraction from Aerial-Image Fused with Airborne LiDAR Data[C], Urban Remote Sensing Joint Event, 2009, 09, Beijing, China(**EI**).
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- , , , . T-GIS [J]. , 2012, 40(1):127-132(**EI**).
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[J]. , 2015(男; EI).

个人科研理念

- 作 ; 努
- 男;
- 作 ; 努 ; ; 努

联系方式 (建议用Email)

Email: sunweiwei@nbu.edu.cn nbsww@outlook.com

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任 ;
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