Nan Chen

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EDUCATION AND TRAINING

Chengdu University of Technology   Geomatics Engineering   B.S., 2009
Chengdu University of Technology   Photogrammetry and Remote sensing   M.S., 2012
Chang 'an University   Surveying and Mapping Science and Technology   Ph.D., 2018 to present

WORK AND PROFESSIONAL EXPERIENCE

2012 – 2018   Surveying and Mapping Engineer, The First Institute of Photogrammetry and Remote Sensing, MNR.

2007– 2008   Vice president, Chengdu University of Technology Surveying and Mapping Association.

RESEARCH INTEREST

1. Super-resolution reconstruction of satellite/depth image
2. Research on the algorithm of Spatio-spectra fusion in remote sensing image
3. Research on the algorithm of Spatio-temporal fusion in remote sensing image

AWARDS AND RECOGNITION

Second-class Graduate scholarship, Chang 'an University , 2018.

Second-class Graduate scholarship, Chang 'an University , 2017.

The First Award of Annual Staff Outstanding Technical Innovation Achievements. The First Institute of Photogrammetry and Remote Sensing, MNR, 2015.

University Outstanding Graduate Scholarship, Chengdu University of Technology, 2012.

National Inspirational Scholarship, Chengdu University of Technology, 2007.

REFEREED PUBLICATIONS

Chen N, Zhang B, 2021. Multi-scale Semi-coupled Convolutional Sparse Coding for the Super-resolution Reconstruction of Remote Sensing Image. Journal of Computer-Aided Design & Computer Graphics. Under review.

Chen N, Sui L C, Zhang B, Junior J M, *Li J, 2020. Single satellite imagery super-resolution reconstruction based on hybrid non-local similarity convolution sparse coding. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. DOI:10.1109/JSTARS.2020.3028774.

Sui L C, Ma F, **Chen N**, 2020. Mining subsidence prediction by combining support vector machine regression and interferometric synthetic aperture radar data. ISPRS International Journal of Geo-Information, vol. 9, no.390.

Chen N, Zhang B, 2020. Research on adaptive topology relation in DLG Data Updating. Bulletin of Surveying and Mapping. vol. 0, no. 11, pp. 99-103.

Chen N, Zhang B, 2020. Research on automatic line-changing of point map annotation based on Chinese word segmentation. Engineering of Surveying and Mapping. vol. 29, no. 4, pp. 21-26.

Sui L C, Li L, Li J, **Chen N**, and Jiao Y, 2019. "Fusion of hyperspectral and multispectral images based on a Bayesian nonparametric approach," IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. vol. 12, no. 4, pp. 1205-1218.